ORDER NO. MGCS950401S0
H14

Service Manual

Supplement - 2

Facsimile

UF-305 / UF-315
UF-A8300

Please file and use this supplement manual with the UF-321/322 Service Manual, Order No. MGCS 940101C0.

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Panasonic

1.1 Overview

This section covers the features and specifications of the plain paper facsimile transceiver "Panasonic UF-305 / UF-315 / UF-A8300". This facsimile can transmit and receive on the Public Switched Telephone Network (PSTN) in the modes conforming to ITU-T/CCITT Group 3 recommendation.

1.2 General Features and Functions

(1) Thermal Ink-jet Printing

Clear picture quality is obtained by employing the plain paper with thermal ink-jet printing. The unit can print on A4, Letter or Legal size paper.

(2) Easy maintenance

The thermal inkjet printing mechanism does not require the use of a drum, a developer unit or toner. Therefore it can be easily cleaned and maintained .

(3) A4 size Scanning

A4 size is the maximum document width that can be scanned and transmitted.
(Note : The maximum document width that can be loaded into the ADF is 280 mm, however only A4 width will be scanned.)

(4) Automatic Document Feeder

The Automatic Document Feeder feeds originals from the document tray automatically starting with the bottom page.
Capacity : 30 documents of average thickness and of the same size.

	Document size	Document Thickness
Up to 20 pages	Up to 280 mm x 364 mm	0.06 mm to 0.12 mm
Up to 30 pages (see Note)	Letter size or A4 size	0.06 mm to 0.10 mm

Note : Papers that have rough surface may not be able to utilize all 30 pages even if the size and thickness specification are met.

(5) Speedy Transmission

The use of MMR Coding with ECM achieves faster transmissions.
Short Protocol reduces hand-shake time by shortening Phase B, D and E.

(6) Error Correction Mode (ECM)

The Error Correction Mode, which conforms to ITU-T/CCITT Recommendation, allows error-free data transmission. ECM with MMR Coding also conforms to ITU-T/CCITT recommendations.

(7) Automatic Dialing Function

Up to 50 stations (UF-305 / UF-A8300)* / 100 stations (UF-315)* can be easily dialed using the One-Touch or Abbreviated Dialing Function. Other stations can be dialed directly from the keypad by entering the full telephone number.
(* : Including 1 Mercury Key for U.K. model)

(8) Memory Transmission

The contents of a document can be stored into the document memory first, then transmitted from memory. Operator attendance until transmission ends is not necessary.

(9) Multi-station Transmission

Using the document memory, a document can be transmitted to multiple destinations.

(10) Multifile Transmission

Mlt is possible to store multiple documents, each of which could be transmitted to different destinations, into the document memory. Then the unit will transmit them sequentially (max. 3 files).

(11) Deferred Communication

The built-in 24-hour timers allows the operator to set deferred transmissions or deferred polling for up to 2 files. Using the document memory, documents can also be transmitted to multiple stations with the timer.

(12) Substitute Reception

The contents of a document will be received into the document memory if the recording paper or ink runs out, or a recording paper jam occurs during reception. The stored documents can be printed after replacing the recording paper or print cartridge or correcting a paper jam.

(13) Fax/Tel Automatic Switch

(Available in only certain countries.)

This feature allows you to share a single telephone line for both Fax and Voice, thus saving on the cost of installing a second telephone line. When the machine answers an incoming call, it will automatically distinguish whether the caller is a Fax or Voice, if it is a Fax call, the machine will receive the document. If it is a Voice call, the machine will beep for operator attention.

(14) TAM Interface

A TAM (Telephone Answering Machine) can be connected to this machine. If the machine is called, the unit determines if the call requires the use of that Fax Mode or TAM Mode automatically by checking a signal from the calling side. If CNG signal (Calling tone, ITU-T/CCITT T.30) is detected, the machine switches the telephone line to the fax side and starts Fax communication. If the CNG signal is not detected, the machine stays in the TAM mode.

(15) Halftone

For transmission, this function ensures high quality reproduction of grey-shaded or photographic documents. This machine uses 64 levels of error diffusion to create halftones, with Quality and Fast mode.

(16) Copy Function

The Copy function allows the UF-305 / UF-315 / UF-A8300 to be used as a copier. Using the document memory, up to 99 copies can be made of a single original.

(17) 32 Transaction Journal

The 32 Transaction Journal provides transaction information — number of pages transmitted or received, start date and time, communication results, identification, etc. It is automatically printed every 32 transactions, or it can be printed manually at anytime.

(18) Latest Individual Transmission Journal

The Latest Individual Transmission Journal provides information on the last transmission - number of pages transmitted, start date and time, communication results, identification etc. It can be printed manually at anytime after communications.

(19) Communication Journal

A communication journal is a result report of a communication which can be printed automatically after communication is completed. Printout conditions can be selected for each communication to 1) always print, 2) print when communication has failed, or 3) not print, by Fax Parameter.

(20) Multi-purpose LCD Display

The 20 x 2 alphanumeric LCD display shows operation mode, date and time, remote ID number, and pages transmitted or received. In case of an error, the LCD Display shows an information code and error message indicating the exact cause of the trouble.

(21) Verification Stamp (UF-315 only)

The Verification Stamp is automatically stamped on the original document when the document is transmitted or stored in memory successfully. The "⊗" mark appears at the bottom of the page.

(22) Selective Reception

To prevent unwanted faxes from being received, the UF-305 / UF-315 / UF-A8300 compares the ID Number of the transmitting machine with the telephone number stored in the built-in automatic telephone dialer.

(23) Remote Diagnostic Function

The remote Diagnostic Function can be used to diagnose the unit remotely over the PSTN or equivalent. A new host system is required for high speed remote diagnostic to be available.

(24) Distinctive Ring Detector (DRD) : Hong Kong and Australia model only

This feature supports an optional telephone service, "Distinctive Ring Service", provided by your local telephone company. It allows up to 2 different telephone numbers to be assigned on a single telephone line, each with a distinctive ring pattern.

1.3 General Specifications

(1) Communication Facility

Public Switched Telephone Network (PSTN)

(2) Line Coupling

Direct Coupling

(3) Input Level

-5 to -43 dbm (-5 to -46 dbm for German model)

(4) Output Level

0 to -15 dbm

(5) Control Procedure

ITU-T/CCITT Rec.T.30

MGCS Proprietary short protocol

(6) Modem Speed

9600 bps/7200 bps (ITU-T/CCITT Rec. V.29)

4800 bps/2400 bps (ITU-T/CCITT Rec. V.27 ter)

(7) Coding Scheme

MH (Modified Huffman)

MR (Modified Read)

MMR (Modified Modified Read)

(8) Communication Resolution

<Transmission>

Standard : 203 dpi ×98 lines/inch
(8 pels/mm × 3.85 lines/mm)

Fine : 203 dpi × 196 lines/inch
(8 pels/mm × 7.70 lines/mm)

S-Fine : 203 dpi × 392 lines/inch
(8 pels/mm × 15.4 lines/mm)

<Reception.>

Standard : 203 dpi × 98 lines/inch
(8 pels/mm × 3.85 lines/mm)

Fine : 203 dpi × 196 lines/inch
(8 pels/mm × 7.70 lines/mm)

[300 dpi Mode]

Standard : 300 dpi × 100 dpi

Fine : 300 dpi × 200 dpi

300 dpi : 300 dpi × 300 dpi (Conform to ITU-T/CCITT)

(9) Halftone
64 Levels, Error Diffusion

(10) Error Correction Mode
CCITT Rec. T.30 ECM (MMR)

(11) Image Memory Capacity
Standard (base) : 12 pages
Option (Additional) : 30 pages (512 Kbyte : UE-410005) : For UF-315 only
60 pages (1 Mbyte : UE-410006) : For UF-315 only
120 pages (s Mbyte : UE-410007) : For UF-315 only
(using ITU-T Image No.1 in standard resolution)

(12) Transmission Speed
12 Seconds
(using ITU-T Image No.1 in Standard Resolution, memory to memory communication)

(13) Automatic Dialing
Dialing Signal : 10 PPS/20 PPS/DTMF
Dialing Method
One-Touch Dialing : Up to 16 keys* : UF-305 / UF-A8300
Up to 28 keys* (Including 4 programmable keys) : UF-315
(* : Including 1 Mercury Key for U.K. model)
Abbreviated Dialing : Up to 34 stations : UF-305 / UF-A8300, Up to 72 stations : UF-315
Manual Number Dialing : Up to 3 stations
(Direct Dialing) (Up to 36 digits including pause and space)
Combination Dialing : Combination of One-Touch, Abbreviated and Manual Number Dialing
Multi-Station Dialing : Multi-Station Transmission/Polling
Up to 53 stations : UF-305 / UF-A8300 (52 stations : U.K.)
Up to 103 stations : UF-315 (102 stations : U.K.)
(34/72 Abbreviated, 16/28 (15/27 : U.K.) One-Touch Dialing and 3 Manual Number Dialing)
Deferred Multi-Station Transmission/Polling
Up to 53 stations : UF-305 / UF-A8300 (52 stations : U.K.)
Up to 103 stations : UF-315 (102 stations : U.K.)
(34/72 Abbreviated, 16/28 (15/27 : U.K.) One-Touch Dialing and 3 Manual Number Dialing)
Registration Memory Capacity in One-Touch and Abbreviated Dialing)
Number of Stations : Up to 50 stations : UF-305 / UF-A8300 (49 stations : U.K.)
Up to 100 stations : UF-315 (99 stations : U.K.)
Telephone number of each station : Up to 36 digits (Including pauses and spaces)
Station name : Up to 15 characters for each station
Redialing
Automatic : Up to 15 times with 0 to 15 minute intervals
Manual : By pressing the Redial button (last number dialed)

(14) Print Reduction Ratio
Fixed Reduction Mode : 70 to 100 % in 1 % steps
Automatic Reduction Mode : 70 to 100 % in 1 % steps (according to the received document length)

(15) Memory Backup Battery

Backup Time

S-RAM Memory (Tel No., ID, logo etc.) : Up to 10 days

D-RAM Memory (Document Memory) : None

Note : The backup times listed are based on the battery is fully charged.

1.4 Scanner Specifications

(1) Document Dimensions

Width : Minimum 148 mm
Maximum 280 mm

Length : Minimum 128 mm
Maximum 364 mm

Note : With operator's assistance, a maximum of 2000 mm length document can be sent (one page at a time)

(2) Automatic Document Feeder

The Automatic Document Feeder feeds the documents from the document tray automatically starting with the bottom page.

	Document size	Document Thickness
Up to 20 pages	Up to 280 mm x 364 mm	0.06 mm to 0.12 mm
Up to 30 pages (see Note)	Letter size or A4 size	0.06 mm to 0.10 mm

Note : Papers that have rough surface may not be able to utilize all 30 pages even if the size and thickness specification are met.

(3) Scanning Method

Horizontal : Flat-bed scanning by CCD image sensor

Vertical : Stepper Motor feeding

(4) Effective Scanning Width

208 mm

(5) Scanning Resolution

Standard : 8 pels/mm x 3.85 line/mm

Fine : 8 pels/mm x 7.7 line/mm

S-Fine : 8 pels/mm x 15.4 line/mm

(6) Manual Original Contrast Selection

3 steps (Normal/Light/Dark)

1.5 Printer Specifications

(1) Recording Paper Size (W× L)

A4 : 210 mm × 297 mm

Letter : 216 mm × 279 mm : Adjustable

Legal : 216 mm × 356 mm : Adjustable

(2) Recommended Recording Paper Weight

60 g/m^2 to 90 g/m^2

(3) Paper Capacity

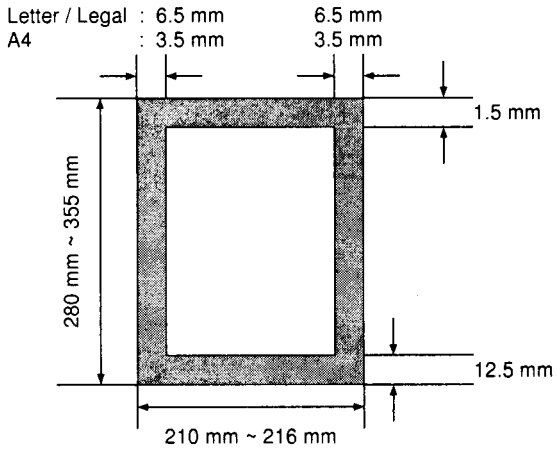
100 sheets

(4) Printing Resolution

300 dpi × 300 dpi

(5) Non Effective Recording Area

The shaded area shown below is the unprintable area on the recording paper.



(6) Printing Speed

2 ppm (30 seconds/page)

1.6 Power

(1) Power Requirement

180~264 V, 47/63 Hz, Single Phase

(108~132 VAC, 47/63 Hz, Single Phase : 100 V version)

(2) Power Consumption

Standby	: Approx. 11 W
Copy	: Approx. 29 W
Transmission	: Approx. 25 W
Reception	: Approx. 16 W
Max	: Approx. 40 W

1.7 Environment

(1) Operating Environment

Temperature	: 5 to 35 °C
Relative Humidity	: 15 to 70 % RH
Tilt	: Even Level

(2) Storage Environment (Carton Box Condition)

Temperature	: 0 to 60 °C : With the Print Cartridge in the Carton Box.
	-30 to 60 °C : With the Print Cartridge out of the Carton Box.
Relative Humidity	: 15 to 85 % RH

Note : Machine should be stored upright.

(3) Transportation Environment (480 hours, Carton Box Condition)

Temperature	: 0 to 60 °C : With the Print Cartridge in the Carton Box.
	-30 to 60 °C : With the Print Cartridge out of the Carton Box.
Relative Humidity	: 15 to 85 % RH

1.8 Construction

Dimensions (W x D x H)	401 mm x 379 mm x 154 mm
Weight (excluding paper)	Approx.8.3 kg
External View	Refer to Appendix 1

1.9 Function Table

Items	UF-321	UF-315	UF-305 / UF-A8300
(MAIN SPECIFICATION)			
Compatibility	G3	←	←
Modem Speed (kbps)	9.6/7.2/4.8/2.4	←	←
Coding Scheme	MH/MR/MMR	←	←
CCITT ECM	Yes (MMR)	←	←
MWS	No	←	←
Short Protocol	Yes (B)	←	←
Transmission Speed(CCITT No.1)	12 Seconds	←	←
Communication Resolution (lpi) (* = Confirm to CCITT)	TX 203 x 98* 203 x 196* 203 x 392* Rx 203 x 98* 300 x 100 203 x 196* 300 x 200 300 x 300*	←	←
(SCANNER MECHANISM)			
ADF Capacity	20 sheets	←	←
Max.Document Size	280 x 2000 mm	←	←
Min.Document Size	148 x 128 mm	←	←
Effective Scanning Width	208 mm	←	←
Scanning Device	CCD (A4)	←	←
Scanning Resolution (lpi)	203 x 98 (8 pels x 98 lines/inch) 203 x 196 (8 pels x 196 lines/inch) 203 x 392 (8 pels x 392 lines/inch)	←	←
Scanning Speed (A4 size document)	12 seconds	←	←
Reduction XMT	No	←	←
Collation Stack	Yes	←	←
(PRINTER MECHANISM)			
Recording Method	Thermal Ink-jet	←	←
Recording Paper Size	A4, Letter or Legal	←	←
Recording Paper Capacity	100 sheets	←	←
Optional Recording Paper Cassette	No	←	←
Effective Printing Width	204 mm	←	←
Recording Resolution	300 x 300 dpi	←	←
Recording Speed	2 ppm (30 sec / page)	←	←
Heather Timer (Inc. Fan Timer)	No	←	←
Collation Stack	No	←	←
(DOCUMENT MEMORY)			
Document Memory Capacity	12 pages (256 KB)	←	←
Optional Document Memory	No	Yes (0.5/1/2 MB)	No
Document Memory Backup	No	←	←
Optional Document Memory Backup	No	←	←
(COPY QUALITY)			
ABC	Yes	←	←
Original Contrast Selection	Yes (3 levels)	←	←
Halftone	64 levels, Error Diffusion, F/Q 2 Modes	←	←
Extra Fine (lpi)	S-Fine (203 x 391) (Tx only)	←	←
Smoothing	Yes	←	←
(DUAL OPERATIONS)			
Dual Operation	No	←	←
Direct XMT Reserve	No	←	←
Memory XMT Reserve	No	←	←

Items	UF-321	UF-315	UF-305 / UF-A8300
(DIALING FEATURES)			
One-Touch Keys	16 (15 : U.K.)	24 (23 : U.K.)	16 (15 : U.K.)
One-touch/Program Keys	0	4 (3 : U.K.)	0
Auto dialing location	50 (49 : U.K.)	100 (99 : U.K.)	50 (49 : U.K.)
One-touch Auto Dialing	16 (15 : U.K.)	28 (27 : U.K.)	16 (15 : U.K.)
Abbr. Auto Dialing	34	72	34
Max. digits on AD	36	←	←
Max. ID characters on AD	15	←	←
Alternative Abbr. Dialing	No	←	←
Full Number Dialing	3 stations	←	←
Redialing	Yes	←	←
Chain Dialing	Yes	←	←
Directory Search Dialing	No	←	←
Line Monitor Speaker	Yes	←	←
Pulse/Tone change	Yes	←	←
Flash Key	Yes	←	←
(TRANSMISSION FEATURES)			
Memory Transmission	Yes	←	←
Multi-Station Transmission	Yes (53/52 (U.K.) stations)	Yes (103/102 (U.K.) stations)	Yes (53/52 (U.K.) stations)
Multifile Transmission	Yes (3 files)	←	←
Deferred Transmission	Yes (2 timers)	←	←
Deferred Multi-Station Transmission	Yes (2 tmr, 53 stns)	Yes (2 tmr, 103/102 (U.K.) stns)	Yes (2 tmr, 53/52 (U.K.) stns)
Priority Transmission	No	←	←
Batch Transmission	No	←	←
(RECEPTION FEATURES)		←	←
Substitute Memory Reception	Yes	←	←
Fixed Reduction	Yes (70-100 %)	←	←
Auto Reduction	Yes (70-100 %)	←	←
Overlapping Print	No	←	←
Fax/Tel Auto Switch	Yes	←	←
TAM Interface	Yes	←	←
Parallel TAM hookup	Yes	←	←
Receive to Memory	No	←	←
Remote Reception	Yes	←	←
Distinctive Ring Detector	Yes	←	←
(POLLING FEATURES)			
Polling	Yes	←	←
Turnaround Polling	No	←	←
Multi-Station Polling	Yes (53/52 (U.K.) stations)	Yes (103/102 (U.K.) stations)	Yes (53/52 (U.K.) stations)
Deferred Polling	Yes (2 timers)	←	←
Deferred Multi-Station Polling	Yes (2 tmr, 53/52 (U.K.) stns)	Yes (2 tmr, 103/102 (U.K.) stns)	Yes (2 tmr, 53/52 (U.K.) stns)
Direct Polling TX	No	←	←
Memory Polling TX	No	←	←
Preset Polling Password	Yes	←	←
Temporary Polling Password	Yes	←	←

Items	UF-321	UF-315	UF-305 / UF-A8300
(COPY FUNCTIONS)			
Single Copy	Yes	←	←
Multiple Copy	Yes (99 copies)	←	←
Reduction Copy	Yes	←	←
Copying Resolution	203 x 196 lpi	←	←
(CERTAINTY)			
Verification Stamp	Yes	Yes	No
Header/Total Page Print	Yes	←	←
Comm.Journal	Yes	←	←
Transaction Journal	Yes (32)	←	←
Last Individual XMT Journal	Yes	←	←
(LIST PRINTOUTS)			
One-Touch List	Yes	←	←
Abbr. No. List	Yes	←	←
Program List	No	Yes	No
Directory Search List	No	←	←
Fax Parameter List	Yes	←	←
File List	Yes	←	←
Character Code List	No	←	←
Directory Sheet	Yes	←	←
Callback Message	No	←	←
(IDENTIFICATIONS)			
Logo/TTI	25 Characters	←	←
Character ID	16 Characters	←	←
Numeric ID	20 digits	←	←
(SPECIAL COMM.)			
Password XMT/RCV (Closed Network)	No	←	←
Selective Reception (TSI check)	Yes	←	←
Relay XMT Request	No	←	←
Relay XMT Center	No	←	←
Confidential XMT/Polling	No	←	←
Confidential Comm. Center	No	←	←
Mailbox XMT/Polling	No	←	←
Mailbox Center	No	←	←
(OTHERS)			
Fax Access Code	No	←	←
PIN Code Access (PBX Access Code)	No	←	←
Department Code	No	←	←
Heater Timer (Include Fan timer)	No	←	←
Panel Display	20 x 2 Alphanumeric LCD	←	←
Logo Input Method	Character Keys	←	←
Remote Diagnostic Function	Yes	←	←
Internal Demo	No	←	←
2-W Leased Line	No	←	←
Al Redial	No	←	←
Auto Multi-copy	No	←	←
Auto-Forwarding	No	←	←

Items	UF-321	UF-315	UF-305 / UF-A8300
(OPTIONS)			
Hard Disk Interface	No	←	←
RS-232 Interface	No	←	←
Encryption Interface	No	←	←
(CONSTRUCTION)			
Telephone Handset	Yes (For some countries only)	←	←
Dimensions (WxDxH)	401 x 379 x 154 mm	←	←
Weight	8.3 kg	←	←

5.1 Test Mode Table

The following test modes are provided to assist you in setting various functions that effect the operation of the unit and to run tests that will help you determine the condition of the unit.

Test Mode Table

Test Mode No.	Test Mode	Description
0	Test Pattern Printout	Prints out a test pattern to check the printer mechanism.
1	Function Parameter setting	Changes the function parameters such as the home position and various other functions.
2	Not used	
3	Function Parameter List Printout	Prints out a list of all function parameters.
4	Binary Signal Generation	Generates various binary signals.
5	Tonal Signal Generation	Generates various tonal signals.
6	RAM Initialization	Initialize RAM and store the default value of the function parameters.
7	DTMF Signal Generation	Generates various DTMF signals.
8	Not used	
9	RAM Test (Doc. MEM. Test)	Checks the Document Memory RAM.
10	LED, LCD and CCD Test	Checks the LED, LCE and CCD.
11	Bi-directional Alignment Test Pattern Printout	Prints out a test pattern to calibrate for optimum bi-directional printing alignment.

Note : Refer to UF-321 / UF-322 / UF-A8300 Service Manual for information on Test Modes No. 0 ~ 10.

5.12 Test Mode No.11 (Bi-directional Alignment Test Pattern)

A test pattern is printed for checking the bi-directional printing alignment using the following procedure.

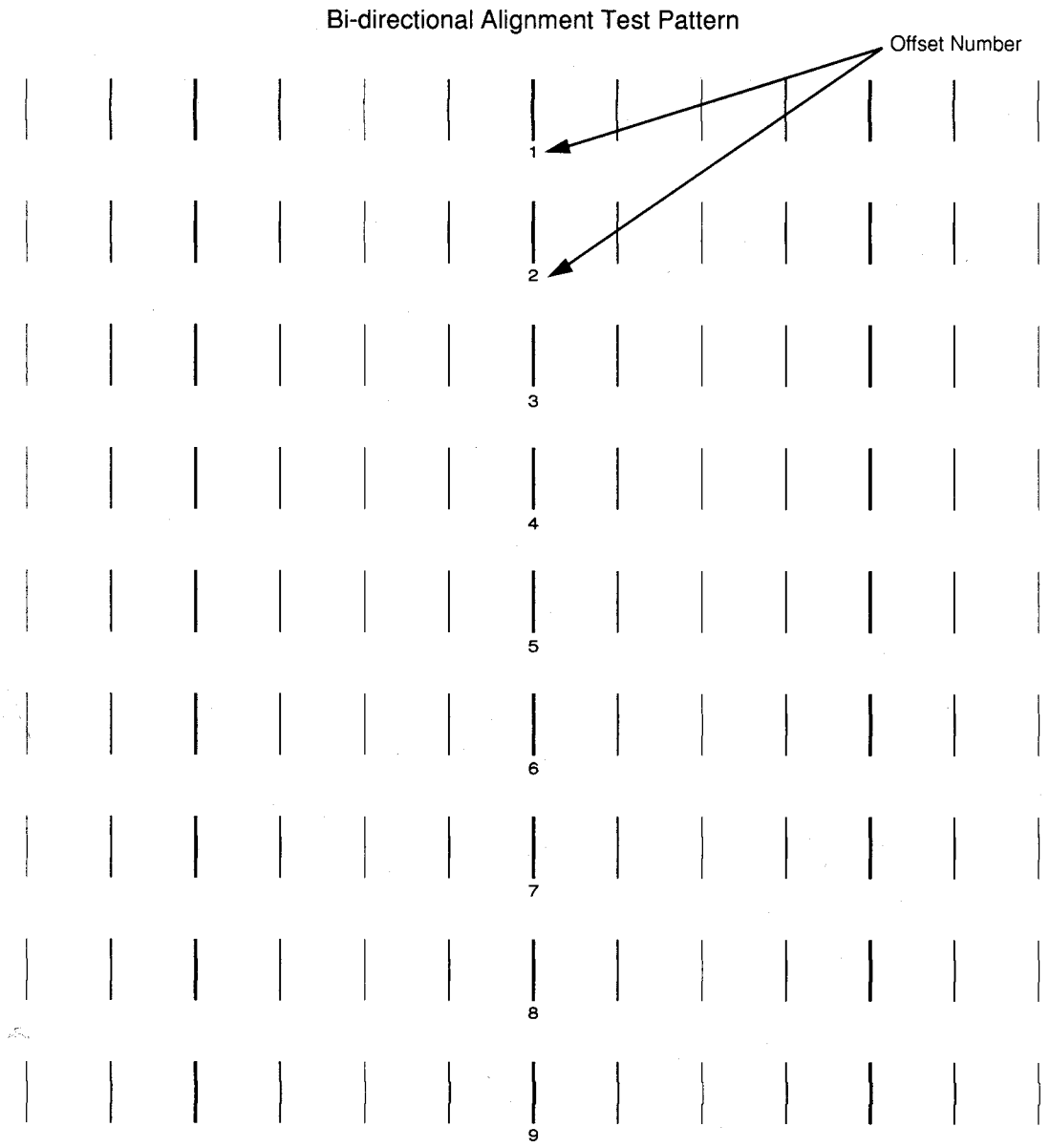
Bi-directional Alignment Test Pattern

Step	Operation or unit condition	LCD Display
1	Standby.	15-MAR-1995 15:00 00%
2	Press " **FUNCTION** " and then " **7** ".	SET MODE (1-4) ENTER NO. OR ∧ ∨
3	Press " **TEL/DIAL** " four times, then press " * ".	TEST MODE NO.= (ENTER 0-11)
4	Press " **11** " and " **START** ".	* PRINTING * TEST PATTERN
5	After printing, the unit returns to the display in step 3.	TEST MODE NO.= (ENTER 0-11)
6	Press " **STOP** " to return to standby.	15-MAR-1995 15:00 00%

To calibrate for optimum bi-directional printing alignment

1. Print an alignment pattern following the procedures above.
2. Select the offset number corresponding to the straightest pattern.
3. Enter this offset number in the Function Parameter No. 95.
4. Print a Fax Parameter List to check the print quality.

Sample of Bi-directional Alignment Test Pattern



To calibrate for optimum bi-directional printing alignment

1. Select the offset number corresponding to the straightest pattern.
2. Enter this offset number in the Function Parameter No. 95.

Chapter 8
Exploded View & Parts List

Country Code	Country	Country Code	Country
AU	U.S.A	AA	Austria
AC	Canada	AQ	Ireland
AB	U.K.	AP	Portugal
AL	Australia	AE	Taiwan
AG	Germany	AV	France
AK	Hong Kong	YA	Universal 200V Version with Handset
AH	The Netherlands	YY	Universal 100V Version with Handset
AS	Sweden	YC	Universal 200V Version with Handset
EE	Italy	YV	China (UF-A8300)
AW	New Zealand	YX	Singapore
AR	Belgium	YM	Malaysia
AM	Switzerland	YT	Thailand
AT	Turkey	YB	Barclay
AJ	Spain	YH	East European Version
AD	Denmark	YJ	Czecho, Slovakia
AF	Finland	YW	South Africa
AN	Norway		

8.1 Cover Ass'y (UF-305 / UF-A8300) (1/2)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
101	DZADS8608	Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3K
102	DZADS8627	Document Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
103	DZADS8626	Document Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
104	DZADS8625	Document Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G
105	DZADS8624	Document Guide, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
106	DZADS8621	Right Side Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
107	DZADS8622	Left Side Cover				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1	2D
	DZADS8622A		1	1	1		1		1	1	1		1				1	1	1	1	1			1												
108	DZADS8610	Gear, Document Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
109	DZADS8975	Label, Cartridge Replacement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
110	DZADS8252AU	Recording Paper Guide 1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
	DZADS8253AU	Recording Paper Guide 2	1	1																																
111	DZADS8253AU	Recording Paper Guide 2			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
	DZADS8252AU	Recording Paper Guide 1	1	1																																
112	DZADS8258	Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
113	DZADS8259	Rubber, Paper Tray Extender	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8C
114	DZADS8976	Label, Recording Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8B
115	DZADS8254AU	Extender, Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
116	DZADS8255AU	Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
117	DZADS8257AU	Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
118	DZADS8256AU	Extender, Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
119	DZBAT8617Y	Handset Cradle,				1		1				1		1	1	1						1			1		1	1	1	1	1	1	1	1	1	2D
	DZBAT8617	Lower																					1			1										
120	DZYNA1448L	SRU PCB Ass'y				1																														2D
	DZYNA1448M													1																						

Cover Ass'y (UF-305 / UF-A8300) (2/2)

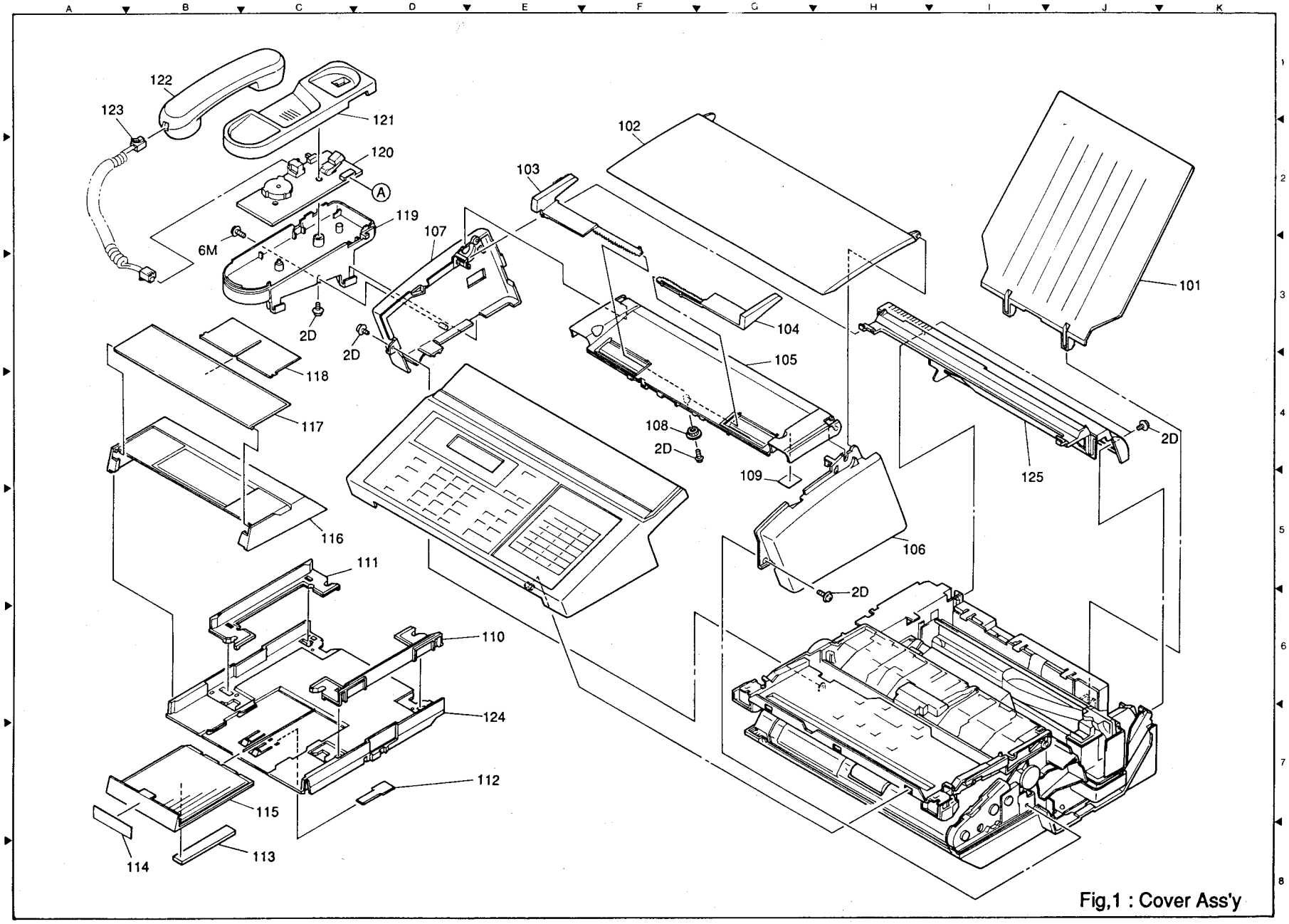
Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
120	DZYNA1448J	SRU PCB Ass'y														1																				2D
	DZYNA1448T														1																					
	DZYNA1448W											1																								
	DZYNA1448P																					1														
	DZYNA1448B																								1	1					1	1				
	DZYNA1448E																						1													
	DZYNA1448Z																											1								
	DZYNA1448X																										1		1	1			1			
	DZYNA1448U																																		1	
	DZYNA1437C	SRG PCB Ass'y																																1		
121	DZBAT8616Y	Handset Cradle,				1		1				1		1	1	1						1			1		1	1	1	1	1	1	1	1	1	1D
	DZBAT8616	Upper																					1			1										
122	DZZSP23045F	Handset						1				1		1		1																				1B
	DZZSP23059F					1																														
	DZZSP23032F														1							1	1		1	1	1		1	1	1	1	1	1	1	
123	DZZSP09185F	Curl Cord, Handset				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1	1A
124	DZADS8251AU	Tray, Paper Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
125	DZADS8623	Cover, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
2D	Q3X8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C, 4F, 4K, 6H
6M	Q3X12	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B

Cover Ass'y (UF-315) (1/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
101	DZADS8608	Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3K
102	DZADS8627	Document Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
103	DZADS8626	Document Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
104	DZADS8625	Document Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G
105	DZADS8624	Document Guide, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
106	DZADS8621	Right Side Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
107	DZADS8622	Left Side Cover				1		1				1		1	1	1							1	1		1	1	1	1	1	1	1	1	1	2D
	DZADS8622A		1	1	1		1		1	1	1		1				1	1	1	1	1			1											
108	DZADS8610	Gear, Document Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
109	DZADS8975	Label, Cartridge Replacement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
110	DZADS8252AU	Recording Paper Guide 1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
	DZADS8253AU	Recording Paper Guide 2	1	1																															
111	DZADS8253AU	Recording Paper Guide 2			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
	DZADS8252AU	Recording Paper Guide 1	1	1																															
112	DZADS8258	Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
113	DZADS8259	Rubber, Paper Tray Extender	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8C
114	DZADS8976	Label, Recording Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8B
115	DZADS8254AU	Extender, Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
116	DZADS8255AU	Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
117	DZADS8257AU	Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
118	DZADS8256AU	Extender, Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
119	DZBAT8617Y	Handset Cradle,				1		1				1		1	1	1						1			1		1	1	1	1	1	1	1	1	2D
	DZBAT8617	Lower																					1			1									
120	DZYNA1448L	SRU PCB Ass'y				1																													2D
	DZYNA1448M													1																					
	DZYNA1448J															1																			
	DZYNA1448T														1																				

Cover Ass'y (UF-315) (2/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
120	DZYNA1448W	SRU PCB Ass'y										1																							2D
	DZYNA1448P																					1													
	DZYNA1448B																								1	1				1	1				
	DZYNA1448E																						1													
	DZYNA1448X																										1	1	1			1			
	DZYNA1448U																																	1	
	DZYNA1437C	SRG PCB Ass'y																															1		
121	DZBAT8616Y	Handset Cradle,				1		1				1		1	1	1						1			1		1	1	1	1	1	1	1	1	1D
	DZBAT8616	Upper																					1			1									
122	DZZSP23045F	Handset						1				1		1		1																			1B
	DZZSP23059F					1																													
	DZZSP23032F														1							1	1		1	1	1	1	1	1	1	1	1	1	
123	DZZSP09185F	Curl Cord, Handset				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1A
124	DZADS8251AU	Tray, Paper Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
125	DZADS8623	Cover, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
2D	Q3X8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C, 4F, 4K, 6H
6M	Q3X12	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B



Fig,1 : Cover Ass'y

8.2 Control Panel Ass'y (UF-305 / UF-A8300) (1/2)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
201	DZADS8421YV1	Cover,																																		
	DZADS8421AU3	Control Panel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								4B
202	DZAEL8401AB	Overlay,			1	1		1	1			1	1	1	1						1		1		1		1		1	1	1	1	1	1	1	
	DZAEL8401YV	Control Panel																										1								1A
	DZAEL8401AG						1													1																
	DZAEL8401AS									1																										
	DZAEL8401EE										1																									
	DZAEL8401AJ															1																				
	DZAEL8401AD																1																			
	DZAEL8401AF																	1																		
	DZAEL8401AN																		1																	
	DZAEL8401AP																					1														
	DZAEL8401AV																							1												
203	DZAEL8402AU	Plate, LCD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B
204	DZADS8426	Cover,	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
	DZADS8426AB	Directory Sheet			1																															
205	DZADS8424AU	Character Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
206	DZADS8977AB	Function label	1	1	1	1		1	1			1	1	1	1						1		1		1	1	1		1	1	1	1	1	1	1	2I
	DZADS8977YV																											1								
	DZADS8977AG						1													1																
	DZADS8977AS									1																										
	DZADS8977EE										1																									
	DZADS8977AJ															1																				
	DZADS8977AD																1																			
	DZADS8977AF																	1																		
	DZADS8977AN																		1																	
	DZADS8977AP																					1														
	DZADS8977AV																							1												
207	DZACZ8660	LCD Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4J
208	DZZNS15086	LCD with Flexible Harness	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4J
209	DZYNA1443C	Control Panel PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
210	DZACZ8659	Key Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
211	DZACZ8663GT	Key1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
212	DZACZ8653	Key2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
213	DZACZ8654A	Key3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
214	DZACZ8654B	Key4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D

Control Panel Ass'y (UF-305 / UF-A8300) (2/2)

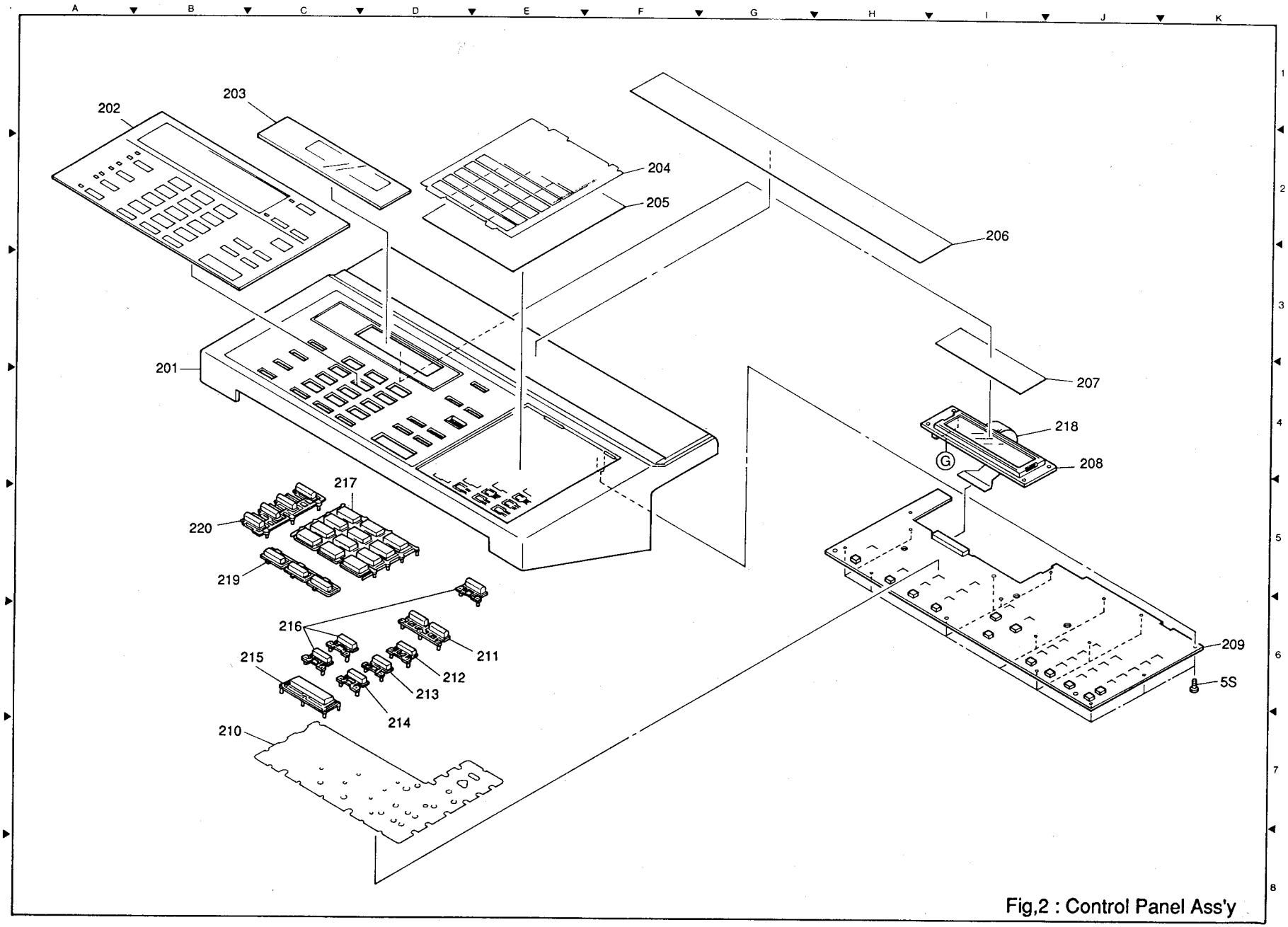
Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
215	DZACZ8652GT	Key5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
216	DZACZ8654F	Key6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
217	DZACJ8625GT	Key7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
218	Not Used																																			4J
219	DZACZ8655GT	Key8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
220	DZACZ8656GT	Key9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
5S	B2X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K

Control Panel Ass'y (UF-315) (1/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
201	DZADS8421AU4	Cover, Control Panel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
202	DZADS8423AU	Overlay, Control Panel	1	1																						1									1A
	DZADS8423AB				1	1		1	1			1	1	1	1						1		1		1		1	1	1	1	1	1	1	1	
	DZADS8423AG						1													1															
	DZADS8423AS									1																									
	DZADS8423EE										1																								
	DZADS8423AJ															1																			
	DZADS8423AD																1																		
	DZADS8423AF																	1																	
	DZADS8423AN																		1																
	DZADS8423AP																					1													
	DZADS8423AV																							1											
203	DZAEL8402AU	Plate, LCD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B
204	DZADS8427	Cover, Directory Sheet	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
	DZADS8427AB				1																														
205	DZADS8425AU	Character Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
206	DZAEL8938AU	Function label	1	1	1	1		1	1			1	1	1	1						1		1		1	1	1	1	1	1	1	1	1	1	2I
	DZAEL8938AG						1													1															
	DZAEL8938AS									1																									
	DZAEL8938EE										1																								
	DZAEL8938AJ															1																			
	DZAEL8938AD																1																		
	DZAEL8938AF																	1																	
	DZAEL8938AN																		1																
	DZAEL8938AP																					1													
	DZAEL8938AV																							1											
207	DZACZ8660	LCD Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4J
208	DZZNS15086	LCD with Flexible Harness	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4J
209	DZYNA1443A	Control Panel PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
210	DZACZ8659	Key Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
211	DZACZ8663GT	Key1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
212	DZACZ8653	Key2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
213	DZACZ8654A	Key3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
214	DZACZ8654B	Key4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D

Control Panel Ass'y (UF-315) (2/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
215	DZACZ8652GT	Key5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
216	DZACZ8654F	Key6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
217	DZACJ8625GT	Key7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
218	Not Used																																		4J
219	DZACZ8655GT	Key8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
220	DZACZ8656GT	Key9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
5S	B2X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K



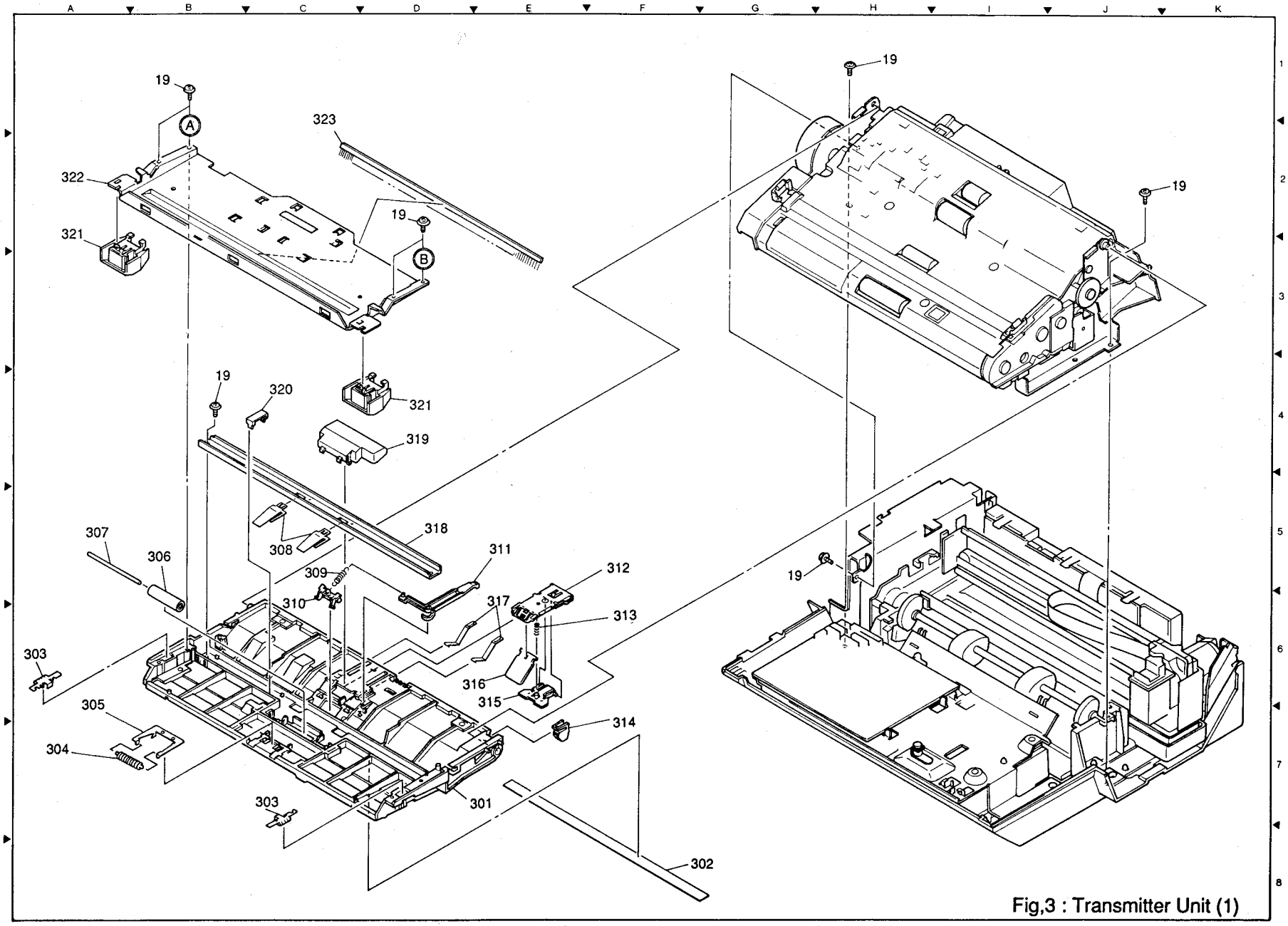
Fig,2 : Control Panel Ass'y

8.3 Transmitter Unit (1) (UF-305 / UF-A8300)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
301	DZADS1201	Transmission Guide, Upper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
302	DZACG1208	Label, White Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
303	DZADS1219	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A, 7C
304	DZADS1204	Roller1, Ejection Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
305	DZADS1206	Fixing Plate, Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A
306	DZADS1203	Rooler2, Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
307	DZABL1226	Shaft, Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
308	DZADS1205	Pressure Plate, Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
309	DZADS1211	Spring1, ADF Adjusting Lever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
310	DZADS1210	Holder, Spring1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
311	DZADS1212	Adjusting Lever, ADF Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
312	DZADS1207	Holder, Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
313	DZADS1209	Spring2, Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
314	DZADS1216	Fixing Clip, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
315	DZADS1208	Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
316	DZABG1016	Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
317	DZADS1213	Plate Spring, Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
318	DZADS1215	Metal Frame	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
319	Not Used																																			5D
320	DZADS1217	Fixing Clip, Cable	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
321	DZADS1220	Side Guide, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A, 4D
322	DZADS1202	Chassis, Transmission Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
323	DZADS1214	Brush, Antistatic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1H, 2D, 2K, 4B, 5G

Transmitter Unit (1) (UF-315)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
301	DZADS1201	Transmission Guide, Upper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
302	DZACG1208	Label, White Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
303	DZADS1219	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A, 7C
304	DZADS1204	Roller1, Ejection Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
305	DZADS1206	Fixing Plate, Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A
306	DZADS1203	Rooler2, Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
307	DZABL1226	Shaft, Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
308	DZADS1205	Pressure Plate, Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
309	DZADS1211	Spring1, ADF Adjusting Lever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
310	DZADS1210	Holder, Spring1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
311	DZADS1212	Adjusting Lever, ADF Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
312	DZADS1207	Holder, Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
313	DZADS1209	Spring2, Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
314	DZADS1216	Fixing Clip, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
315	DZADS1208	Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
316	DZABG1016	Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
317	DZADS1213	Plate Spring, Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
318	DZADS1215	Metal Frame	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
319	Not Used																																		5D
320	DZADS1217	Fixing Clip, Cable	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
321	DZADS1220	Side Guide, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A, 4D
322	DZADS1202	Chassis, Transmission Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
323	DZADS1214	Brush, Antistatic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1H, 2D, 2K, 4B, 5G



Fig,3 : Transmitter Unit (1)

8.4 Transmitter Unit (2) (UF-305 / UF-A8300) (1/2)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
401	DZADS0021A	Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1J
402	DZADS1024	Cover, CCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
403	DZADS1028	Mirror L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
404	DZADS1027	Mirror M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K
405	DZADS1026	Mirror S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
406	DZACG1107	Plate Spring, Mirror	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G, 5J, 6H, 6I, 6K
407	DZADS1034	Cover, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
408	DZADS8206	Gear Cover1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
409	DZABN1020	Gear1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G, 8E
410	DZACJ1008B	Gear2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
411	DZABN1012B	Gear3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
412	DZADS1006	Gear4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
413	DZADS1010	Gear5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
414	DZADS1039	Gear6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
415	DZADS1046	Gear7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
416	DZABN1011B	Gear8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E
417	DZADS1012	Spring1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
418	DZADS1031	Gear Cover2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
419	DZADS8713	Lead Wire1, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
420	DZADS1017	Shaft, Feed Gear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
421	DZADS1049	Spring2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
422	DZADS1047	Gear Holder, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
423	DZADS1045	Gear9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
424	DZADS1043	Gear10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
425	DZADS1042	Gear11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
426	DZADS1044	Gear12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
427	DZADS1048	Gear Holder, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
428	42SPM24DGYE or MSCS048A95	Motor, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
429	DZADS1015A	Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
430	DZBBF8804	LED Array Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
431	DZADS1036	Plate Spring, Tx Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6D
432	DZADS1016A	Ejection Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
434	DZABN1006A	Shaft Holder, Ejection	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
435	DZADS1029	Frame, LED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A

Transmitter Unit (2) (UF-305 / UF-A8300) (2/2)

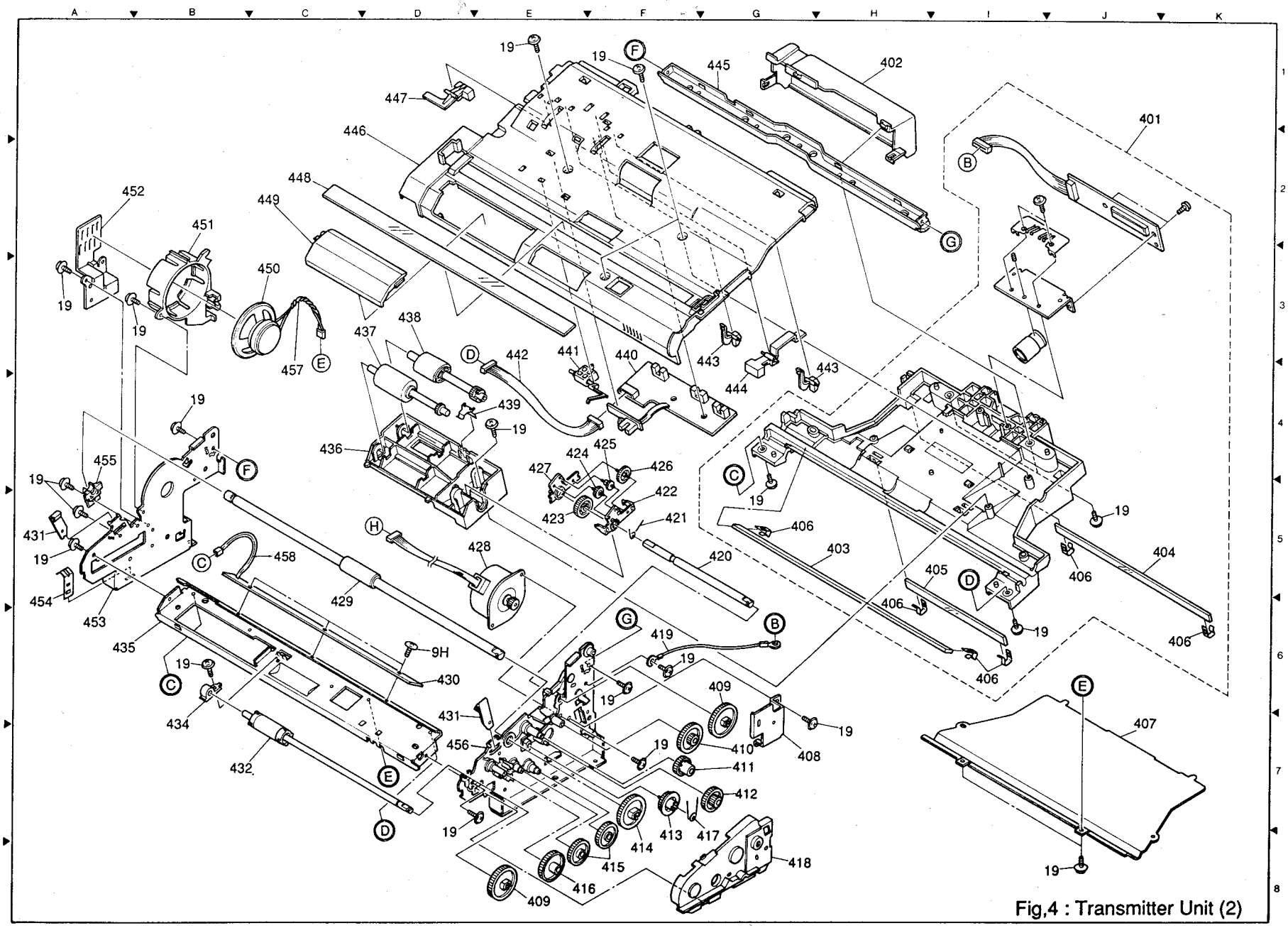
Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
436	DZADS1005	Feed Roller Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
437	DZADS1014	Feed Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
438	DZADS1013	Pre-Feed Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
439	DZADS1035	Pressure Plate, Pre-Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
440	DZADS8826	Sensor PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F
441	DZADS1021	Actuator1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
442	DZADS8702	Cable, Sensor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
443	DZACH1017	Actuator2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G, 4H
444	DZADS1023	Actuator3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
445	DZADS1038	Frame, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
446	DZADS1004A	Transmission Guide, Lower	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
447	DZADS1022	Actuator4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
448	DZBAU1109	Glass, Scanning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
449	DZADS1032	Cover, ROM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
450	S-920615	Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
451	DZADS8204	Speaker Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B
452	DZADS8207	Speaker Protector	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
453	DZADS1003	Left Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A
454	Not Used																											1								5A
455	DZADS1025	Shaft Holder, Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
456	DZADS1002	Right Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
457	DZADS8710	Cable, Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
458	DZADS8711	Cable, LED Array	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E, 1F, 3A, 3B, 4A, 4B, 4E, 5A, 5G, 5J, 6B, 6F, 6I, 7D, 7F, 7H, 8J
9H	P2.6x6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D

Transmitter Unit (2) (UF-315) (1/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
401	DZADS0021A	Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1J
402	DZADS1024	Cover, CCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
403	DZADS1028	Mirror L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
404	DZADS1027	Mirror M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K
405	DZADS1026	Mirror S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
406	DZACG1107	Plate Spring, Mirror	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G, 5J, 6H, 6I, 6K
407	DZADS1034	Cover, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
408	DZADS8206	Gear Cover1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
409	DZABN1020	Gear1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G, 8E
410	DZACJ1008B	Gear2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
411	DZABN1012B	Gear3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
412	DZADS1006	Gear4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
413	DZADS1010	Gear5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
414	DZADS1039	Gear6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
415	DZADS1046	Gear7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
416	DZABN1011B	Gear8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E
417	DZADS1012	Spring1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
418	DZADS1031	Gear Cover2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
419	DZADS8713	Lead Wire1, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
420	DZADS1017	Shaft, Feed Gear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
421	DZADS1049	Spring2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
422	DZADS1047	Gear Holder, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
423	DZADS1045	Gear9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
424	DZADS1043	Gear10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
425	DZADS1042	Gear11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
426	DZADS1044	Gear12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
427	DZADS1048	Gear Holder, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
428	42SPM24DGYE or MSCS048A95	Motor, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
429	DZADS1015A	Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
430	DZBBF8804	LED Array Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
431	DZADS1036	Plate Spring, Tx Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6D
432	DZADS1016A	Ejection Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
434	DZABN1006A	Shaft Holder, Ejection	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
435	DZADS1029	Frame, LED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A

Transmitter Unit (2) (UF-315) (2/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
436	DZADS1005	Feed Roller Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
437	DZADS1014	Feed Roller2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
438	DZADS1013	Pre-Feed Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
439	DZADS1035	Pressure Plate, Pre-Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
440	DZADS8826	Sensor PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F
441	DZADS1021	Actuator1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
442	DZADS8702	Cable, Sensor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
443	DZACH1017	Actuator2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G, 4H
444	DZADS1023	Actuator3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
445	DZADS1038	Frame, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
446	DZADS1004A	Transmission Guide, Lower	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
447	DZADS1022	Actuator4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
448	DZBAU1109	Glass, Scanning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
449	DZADS1032	Cover, ROM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
450	S-920615	Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
451	DZADS8204	Speaker Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B
452	DZADS8207	Speaker Protector	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
453	DZADS1003	Left Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A
454	DZADS8220	Plate, Ground Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
455	DZADS1025	Shaft Holder, Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
456	DZADS1002	Right Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
457	DZADS8710	Cable, Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
458	DZADS8711	Cable, LED Array	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E, 1F, 3A, 3B, 4A, 4B, 4E, 5A, 5G, 5J, 6B, 6F, 6I, 7D, 7F, 7H, 8J
9H	P2.6x6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D



Fig,4 : Transmitter Unit (2)

8.5 Base Ass'y (UF-305 / UF-A8300) (1/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
501	DZADS8601AU	Cover Ass'y, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
502	DZADS8215	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H, 7K
503	DZADS8203	Leg, Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
504	DZADS8210	Metal Frame, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
505	DZADS8201	Metal Frame, Bottom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
506	DZADS8209	Plate Spring	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
507	DZADS8714	Lead Wire, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
508	DZADS8705	Cable1, LCU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
509	DZADS8707	Cable2, LCU				1		1				1	1	1	1	1		1			1	1	1		1	1	1	1	1	1	1	1	1	1	1	4C
510	DZYNA1436B	LCE PCB Ass'y			1																															5B
	DZYNA1436LA					1																														
	DZYNA1436G						1																													
	DZYNA1436Y										1																									
	DZYNA1436H								1																											
	DZYNA1436S									1																										
	DZYNA1436V																							1												
	DZYNA1436MA													1																						
	DZYNA1436JA															1																				
	DZYNA1436A																			1																
	DZYNA1436F																	1																		
	DZYNA1436R												1																							
	DZYNA1436KA							1																												
	DZYNA1436TA														1																					
	DZYNA1436WA											1																								
	DZYNA1436PA																					1														
	DZYNA1436N																		1																	
	DZYNA1436D																1																			
	DZYNA1436Q																				1															
	DZYNA1436ZA																																1			
	DZYNA1436EA																						1													
	DZYNA1436MF																													1						
	DZYNA1436XA																												1							
	DZYNA1436GF																																	1		
	DZYNA1436CA																														1					
	DZYNA1436UA																																		1	
	DZYNA1436HF																																1			
	DZYNA1435B	LCU PCB Ass'y	1																						1	1		1								

Base Ass'y (UF-305 / UF-A8300) (2/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
510	DZYNA1435E	LCU PCB Ass'y																									1									5B
	DZYNA1435			1																																
511	Not used																																			5E
512	Not used																																			5D
513	Not used																																			5D
514	DZADS8211	Metal Frame, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
515	DZADS8213	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F, 4G
516	DZYNA1525BAU	FCB PCB Ass'y	1																																	3F
	DZYNA1525DAC			1																																
	DZYNA1525KAB				1																															
	DZYNA1525KAL					1																														
	DZYNA1525KAG						1																													
	DZYNA1525KAK							1																												
	DZYNA1525KAH								1																											
	DZYNA1525KAS									1																										
	DZYNA1525KEE										1																									
	DZYNA1525KAW											1																								
	DZYNA1525KAR												1																							
	DZYNA1525KAM													1																						
	DZYNA1525KAT														1																					
	DZYNA1525KAJ															1																				
	DZYNA1525KAD																1																			
	DZYNA1525KAF																	1																		
	DZYNA1525KAN																		1																	
	DZYNA1525KAA																			1																
	DZYNA1525KAQ																				1															
	DZYNA1525KAP																					1														
	DZYNA1525KAE																						1													
	DZYNA1525KAV																							1												
	DZYNA1525BYY																								1											
	DZYNA1525BYA																									1										
	DZYNA1525KYV																										1									
	DZYNA1525BYC																											1								
	DZYNA1525KYX																												1							
	DZYNA1525KYM																													1						
	DZYNA1525KYT																														1					
	DZYNA1525KYB																															1				

Base Ass'y (UF-305 / UF-A8300) (3/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
516	DZYNA1525KYH	FCB PCB Ass'y																															1			3F
	DZYNA1525KYJ																																	1		
	DZYNA1525KYW																																		1	
517	Not used																																			3D
518	DZADS8704	Cable1, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
519	DS043L or DS069L	Power Supply Unit	1	1																			1			1										1D
	DS043H				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	
	ETXA39C7E				1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	
	ETXA39C7A		1	1																			1			1										
520	DZADS8701	Cable1, Power Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1A
521	DZZNS32231-1	Power Cord					1		1	1			1		1	1	1	1	1	1		1		1	1		1	1			1	1	1	1	1	1F
	DZZNS32232-1				1			1													1								1	1						
	DZZNS32233-1					1						1																									
	DZADS8809										1																										
	DZZNS32237-1													1																							
	DZADS8802		1	1																			1			1										
522	DZADS8706	Cable, GPM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
524	DZADS8214	Protective Sheet2, PSU				1		1				1			1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
525	DZADS8219	Sheet, LCU			1		1			1							1	1	1	1																6B
526	DZADS8212	Protective Sheet1, PSU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
527	DZADS8202A	Brachet, PCB	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E
	DZADS8202B										1																									
528	Not Used																																			4E
529	Not Used																																			5K
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 2B, 2E, 2H, 3D, 3F, 3J, 4D, 4E, 4G, 5E, 5G, 6B, 6C, 6F, 8F
1M	B4X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B
2D	Q3x8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K, 7D

Base Ass'y (UF-315) (1/4)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
501	DZADS8601AU	Cover Ass'y, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
502	DZADS8215	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H, 7K
503	DZADS8203	Leg, Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
504	DZADS8210	Metal Frame, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
505	DZADS8201	Metal Frame, Bottom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
506	DZADS8209	Plate Spring	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
507	DZADS8714	Lead Wire, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
508	DZADS8705	Cable1, LCU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
509	DZADS8707	Cable2, LCU				1		1				1	1	1	1	1		1			1	1	1		1	1	1	1	1	1	1	1	1	1	4C
510	DZYNA1436B	LCE PCB Ass'y			1																														5B
	DZYNA1436LA					1																													
	DZYNA1436G						1																												
	DZYNA1436Y									1																									
	DZYNA1436H								1																										
	DZYNA1436S									1																									
	DZYNA1436V																							1											
	DZYNA1436MA													1																					
	DZYNA1436JA															1																			
	DZYNA1436A																			1															
	DZYNA1436F																	1																	
	DZYNA1436R												1																						
	DZYNA1436KA							1																											
	DZYNA1436TA														1																				
	DZYNA1436WA											1																							
	DZYNA1436PA																					1													
	DZYNA1436N																		1																
	DZYNA1436D																1																		
	DZYNA1436Q																				1														
	DZYNA1436ZA																																		
	DZYNA1436EA																														1				
	DZYNA1436MF																						1												
	DZYNA1436XA																												1						
	DZYNA1436GF																																1		
	DZYNA1436CA																													1					

Base Ass'y (UF-315) (2/4)

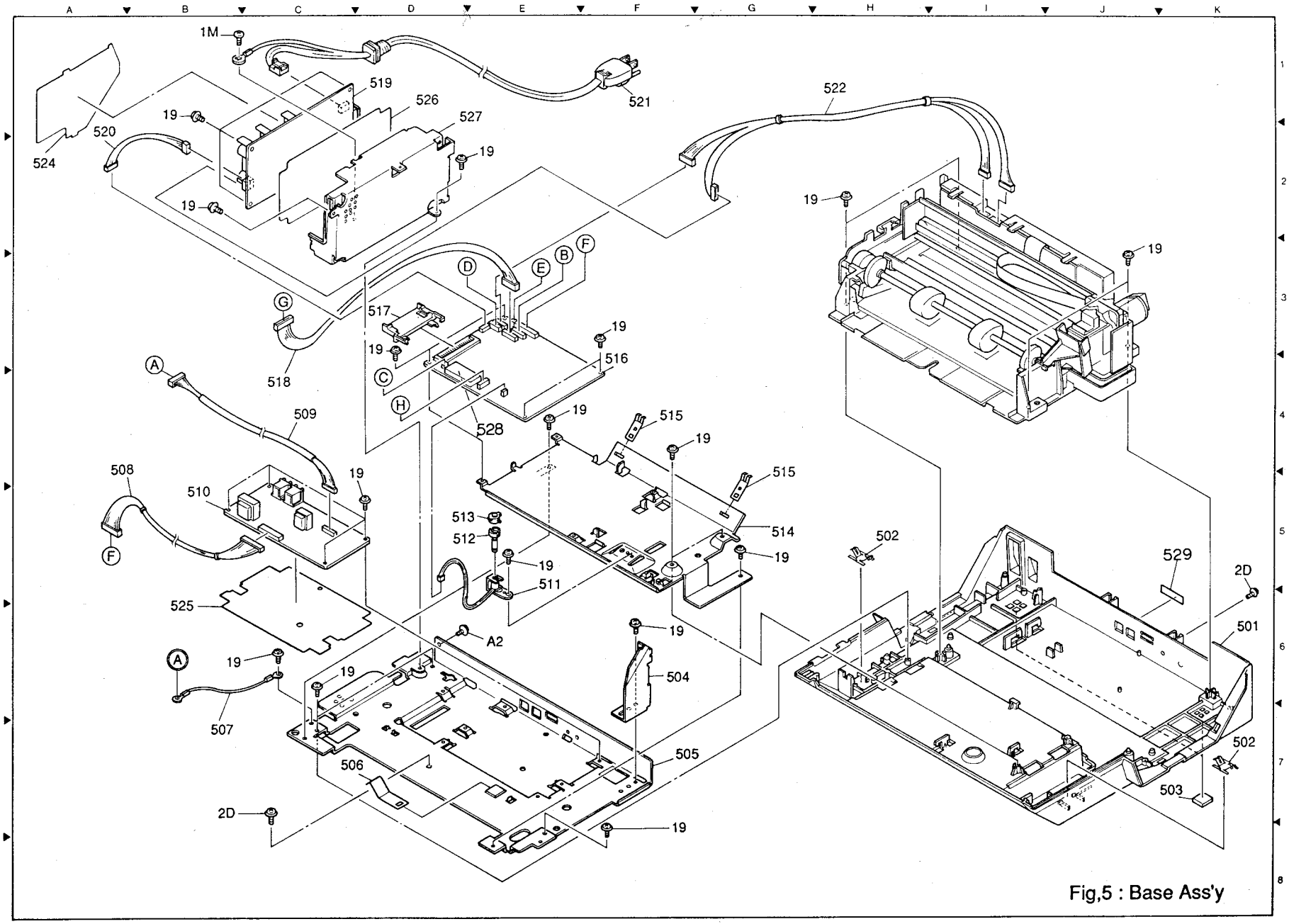
Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
510	DZYNA1436UA	LCE PCB Ass'y																																1	5B
	DZYNA1436HF																															1			
	DZYNA1435B	LCU PCB Ass'y	1																						1	1									
	DZYNA1435E																										1								
	DZYNA1435			1																															
511	SY5-07M	Stamp Solenoid	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
512	SY5-07PL	Stamp Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
513	FX-13-2B	Stamp Head	1	1																						1									5D
	FX-13-2P				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	
514	DZADS8211	Metal Frame, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
515	DZADS8213	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F, 4G
516	DZYNA1525EAU	FCB PCB Ass'y	1																																3F
	DZYNA1525EAC			1																															
	DZYNA1525LAB				1																														
	DZYNA1525LAL					1																													
	DZYNA1525LAG						1																												
	DZYNA1525LAK							1																											
	DZYNA1525LAH								1																										
	DZYNA1525LAS									1																									
	DZYNA1525LEE										1																								
	DZYNA1525LAW											1																							
	DZYNA1525LAR												1																						
	DZYNA1525LAM													1																					
	DZYNA1525LAT														1																				
	DZYNA1525LAJ															1																			
	DZYNA1525LAD																1																		
	DZYNA1525LAF																	1																	
	DZYNA1525LAN																		1																
	DZYNA1525LAA																			1															
	DZYNA1525LAQ																				1														
	DZYNA1525LAP																					1													
	DZYNA1525LAE																						1												
	DZYNA1525LAV																							1											
	DZYNA1525EYY																									1									

Base Ass'y (UF-315) (3/4)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
516	DZYNA1525EYA	FCB PCB Ass'y																							1										3F
	DZYNA1525EYC																										1								
	DZYNA1525LYX																											1							
	DZYNA1525LYM																												1						
	DZYNA1525LYT																													1					
	DZYNA1525LYB																														1				
	DZYNA1525LYH																															1			
	DZYNA1525LYJ																																1		
	DZYNA1525LYW																																	1	
517	DZADS8205	Memory Card Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
518	DZADS8704	Cable1, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
519	DS043L or DS069L	Power Supply Unit	1	1																			1			1									1D
	DS043H				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
	ETXA39C7E				1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	
	ETXA39C7A		1	1																			1			1									
520	DZADS8701	Cable1, Power Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1A
521	DZZNS32231-1	Power Cord					1		1	1			1		1	1	1	1	1	1		1		1	1		1			1	1	1	1	1	1F
	DZZNS32232-1				1			1													1							1	1						
	DZZNS32233-1					1						1																							
	DZADS8809										1																								
	DZZNS32237-1													1																					
	DZZNS8802		1	1																			1			1									
522	DZADS8706	Cable, GPM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
524	DZADS8214	Protective Sheet2, PSU				1		1				1			1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	2A
525	DZADS8219	Sheet, LCU			1		1			1							1	1	1	1															6B
526	DZADS8212	Protective Sheet1, PSU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
527	DZADS8202A	Brachet, PCB	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E
	DZADS8202B										1																								
528	Not Used																																		4E
529	Not Used																																		5K

Base Ass'y (UF-315) (4/4)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 2B, 2E, 2H, 3D, 3F, 3J, 4D, 4E, 4G, 5E, 5G, 6B, 6C, 6F, 8F
1M	B4X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B
2D	Q3x8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K, 7D



Fig,5 : Base Ass'y

8.6 Unpacking (UF-305 / UF-A8300) (1/2)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
601	DZAEL4101LAU	Carton				1		1				1		1	1	1						1	1		1	1	1		1	1	1	1	1	1	1	8D
	DZAEL4101LYV																											1								
	DZAEL4102LAU		1	1			1		1	1	1		1				1	1	1	1	1															
	DZAEL4102LAV				1																			1												
602	DZADS4002	Cushion Kit,				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1	5A, 6E
	DZADS4003	Styrofoam	1	1	1		1		1	1	1		1				1	1	1	1	1			1												
603	DZADS4102	Accessories Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
604	DZZSP09172-1	Line Cord			1			1				1																								4D
	DZZSP09120												1																							
	DZZNS09320					1																														
	DZZSP09184						1																													
	DZZSP09165										1																									
	NO.23-1119								1																											
	DZZSP09234									1																										
	DZZNS09261																					1														
	STSW11-3M+6/6													1																						
	DZZSP09240																		1																	
	STDM13-3M-4/6																1																			
	DZZNS09187		1	1											1	1					1		1		1	1	1	1	1	1	1	1	1	1	1	
	DZZSP09238																	1																		
605	Refer to No. 123																																			3C
606	Refer to No. 122																																			3B
607	4B1503-1	User's Guide	1	1																																2E
	4B1504-1			1																																
	4B1505-1				1																															
	4B1581																											1								
	4B1506-2					1		1				1			1						1					1		1	1	1	1	1	1	1	1	
	4B1507-2						1							1						1																
	4B1508-1																							1												
	4B1509-1										1																									
	4B1510-1									1																										
	4B1511-1																1																			
	4B1512-1																					1														
	4B1513-2															1									1	1										
	4B1514-1								1				1																							
	4B1515-1												1	1																						
	4B1517-1																		1																	
	4B1544-3																						1													

Unpacking (UF-305 / UF-A8300) (2/2)

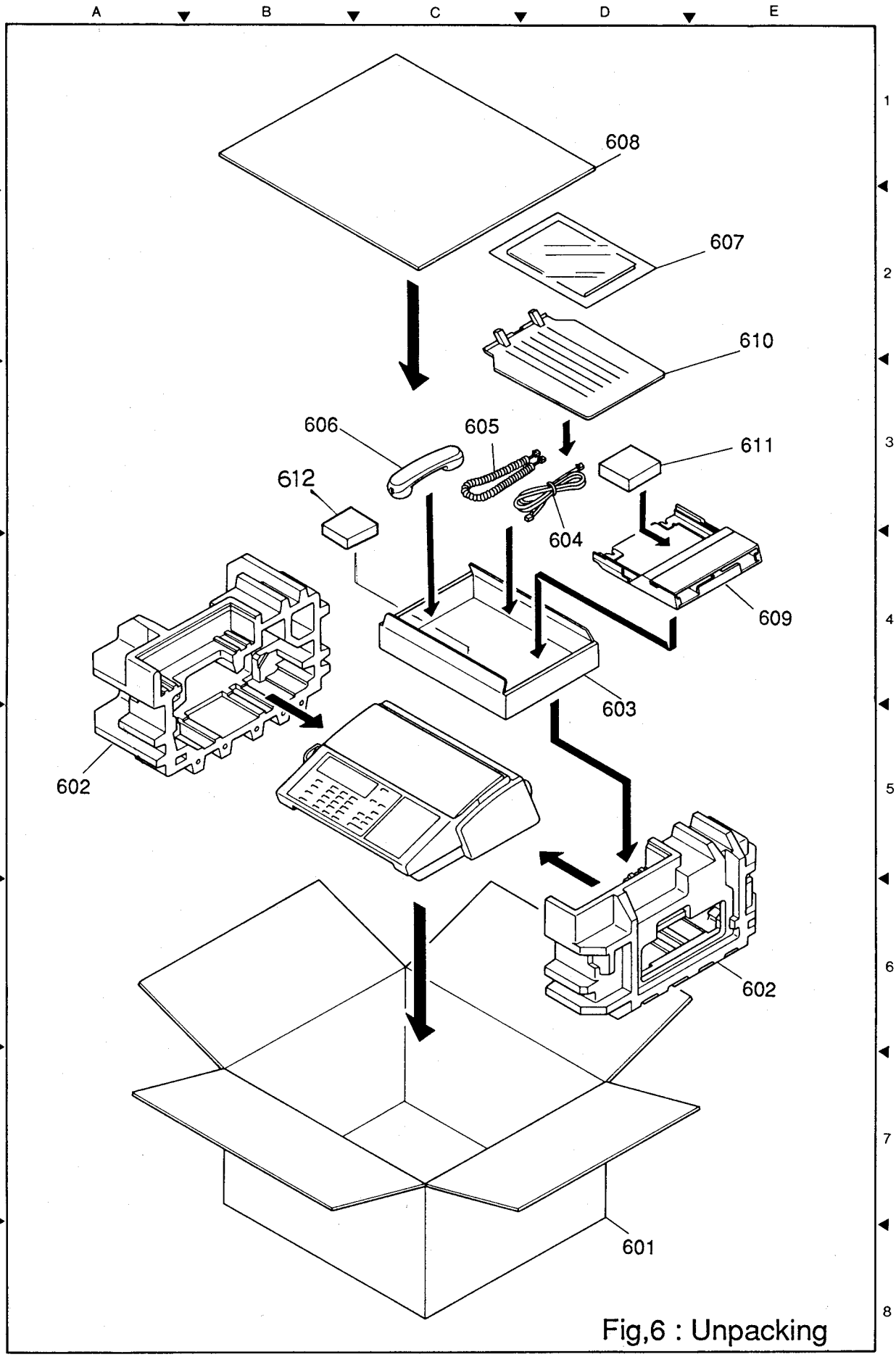
Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
608	DZADS4103	Top Cover				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1	1D
609	DZADS8501AU	Paper Tray	1	1																																4E
	DZADS8501AB				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
610	DZADS8608	Paper Catch Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
611	DZADS4113	Cushion, Paper Supply Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
612	PC-60BK	Print Cartridge			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B

Unpacking (UF-315) (1/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
601	DZAEL4101MAU	Carton				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	8D
	DZAEL4102MAU		1	1			1		1	1	1		1				1	1	1	1	1														
	DZAEL4102MAV				1																			1											
602	DZADS4002	Cushion Kit, Styrofoam				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	5A, 6E
	DZADS4003		1	1	1		1		1	1	1		1				1	1	1	1	1			1											
603	DZADS4102	Accessories Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
604	DZZSP09172-1	Line Cord			1			1				1																							4D
	DZZSP09120												1																						
	DZZNS09320					1																													
	DZZSP09184						1																												
	DZZSP09165										1																								
	NO.23-1119								1																										
	DZZSP09234									1																									
	DZZNS09261																					1													
	STSW11-3M+6/6													1																					
	DZZSP09240																		1																
	STDM13-3M-4/6																1																		
	DZZNS09187		1	1											1	1					1		1		1	1	1	1	1	1	1	1	1	1	
	DZZSP09238																	1																	
605	Refer to No. 123																																		3C
606	Refer to No. 122																																		3B
607	4B1503-1	User's Guide	1	1																															2E
	4B1504-1			1																															
	4B1505-1				1																														
	4B1506-2					1		1				1			1						1						1	1	1	1	1	1	1	1	
	4B1507-2						1							1						1															
	4B1508-1																							1											
	4B1509-1										1																								
	4B1510-1									1																									
	4B1511-1																1																		
	4B1512-1																					1													
	4B1513-2															1									1	1									
	4B1514-1								1				1																						
	4B1515-1												1	1																					

Unpacking (UF-315) (2/2)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
607	4B1517-1	User's Guide																	1																2E
	4B1544-3																						1												
608	DZADS4103	Top Cover				1		1				1		1	1	1						1	1		1	1	1	1	1	1	1	1	1	1	1D
609	DZADS8501AU	Paper Tray	1	1																															4E
	DZADS8501AB				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
610	DZADS8608	Paper Catch Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
611	DZADS4113	Cushion, Paper Supply Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
612	PC-60BK	Print Cartridge			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B



Fig,6 : Unpacking

8.7 GPM Ass'y (UF-305 / UF-A8300) (1/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
1001	DZZHPB67902	Logic PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
1002	DZZHPB67943	Cap / Wiper Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1003	DZZHPB67965	Spring, Capping	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6I
1004	DZZHPB67966	Holder, Ramp	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6I
1005	DZZHPB67967	Pan	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4K
1006	DZZHPB67942	Cover, Logic PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3K
1007	DZZHPB67910	Carriage Drive System Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
1008	DZZHPB67904	Motor, Carriage	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3J
1009	DZZHPB67964	Cable, Drop Detect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
1010	DZZHPB67812	Drop Detect PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
1011	DZZHPB67949	Lock, Carriage Rod	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E
1012	DZZHPB67950	Strip, Encoder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1F
1013	DZZHPB67952	Rod, Carriage	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
1014	DZZHPB67953	Spring, Encoder Strip	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
1015	DZZHPB67962	Bracket, Drop Detect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1016	DZZHPB67968	Chute, Eternal	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
1017	DZZHPB67914	Roller, Drive	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6H
1018	DZZHPB67903	Spring, Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C, 7E, 8E
1019	DZZHPB67917	Motor, Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
1020	DZZHPB67922	Shaft, Pick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7H
1021	DZZHPB67928	Wall Kit Ass'y, Retainer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1022	DZZHPB67929	Plate Ass'y, Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8H
1023	DZZHPB67803	Cork, Pressure Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
1024	DZZHPB67945	Cam Follower Ass'y, Right	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G
1025	DZZHPB67944	Cam Follower Ass'y, Left	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G
1026	DZZHPB67963	Bearing, Wall	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7H
1027	DZZHPB67802	Ground Strap, Carriage Bearing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
1028	DZZHPB67801	Ground Strap, Paper Pick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
1029	DZZHPB67808	Separator, Right Corner	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
1030	DZZHPB67804	Separator, Left Corner	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C

GPM Ass'y (UF-305 / UF-A8300) (2/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
1031	DZZHPB67806	Mount, Left Corner Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
1032	DZZHPB67809	Mount, Right Corner Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
1033	DZZHPB67807	Roller, Pick Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D, 6E
1034	DZZHPB67805	Spring, Pick Pinch Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D, 6E
1035	DZZHPB67997	Spring, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
1036	DZZHPB67998	Flag, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
1037	DZZHPB67999	Bracket, OOPS Mounting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
1038	DZZHPB67800	Sensor, Opto	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
1039	DZZHPB67979	Spring, Output	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 5H
1040	DZZHPB67995	Guide, Right Edge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1041	DZZHPB67994	Guide, Left Edge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
1042	DZZHPB67992	Roller, Star	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 3K, 4H
1043	DZZHPB67996	Clip, Kick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 3G
1044	DZZHPB67993	Bearing, Output	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F, 3G
1045	DZZHPB67991	Roller, Kick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F, 3H
1046	DZZHPB67976	Ground Strap, Platen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
1047	DZZHPB67977	Ground Strap, Paper Drive	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
1048	DZZHPB67978	Roller, Drive Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
1049	DZZHPB67936	Paper Top Guide Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
1050	DZZHPB67973	Spring, Debounce	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
1051	DZZHPB67918	Gear, 28T/32P/84T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1052	DZZHPB67971	Gear, 18T/32P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1053	DZZHPB67933	Gear Ass'y, Pick Arm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
1054	DZZHPB67912	Gear, 52T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1055	DZZHPB67915	Gear, 20T/49T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
1056	DZZHPB67911	Gear, 20T/32T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
1057	DZZHPB67972	Gear, 22T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
1058	DZZHPB67932	Gear Ass'y, Output Arm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
1059	DZZHPB67916	Ass'y, Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F
1060	DZZHPB67954	Ramp, Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
1061	DZZHPB67975	Cable, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
1100	DZZHPB67969	Screw, M2.5X5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4H

GPM Ass'y (UF-305 / UF-A8300) (3/3)

Ref. No	Part No.	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YV	YX	YM	YT	YB	YH	YJ	YW	Location
1101	DZZHPB67970	Screw, M3X8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1I, 2K, 3K, 4B, 4C, 4H, 5F
1102	DZZHPB67923	Screw, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1D, 2A, 3D, 3E, 3G, 3H, 4H, 7C, 8E, 8K

GPM Ass'y (UF-315) (1/3)

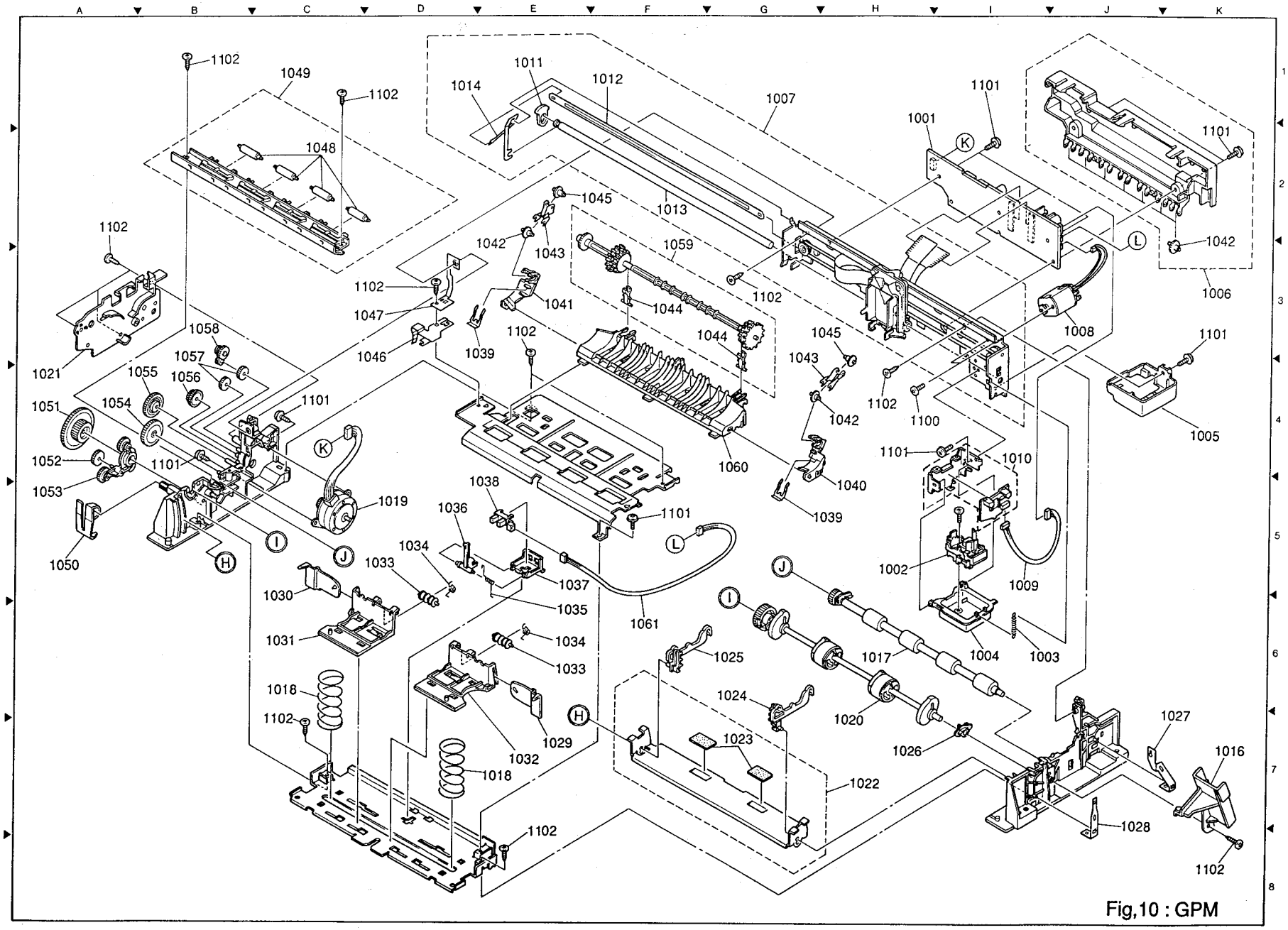
Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
1001	DZZHPB67902	Logic PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
1002	DZZHPB67943	Cap / Wiper Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1003	DZZHPB67965	Spring, Capping	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6I
1004	DZZHPB67966	Holder, Ramp	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6I
1005	DZZHPB67967	Pan	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4K
1006	DZZHPB67942	Cover, Logic PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3K
1007	DZZHPB67910	Carriage Drive System Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
1008	DZZHPB67904	Motor, Carriage	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3J
1009	DZZHPB67964	Cable, Drop Detect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
1010	DZZHPB67812	Drop Detect PCA Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
1011	DZZHPB67949	Lock, Carriage Rod	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E
1012	DZZHPB67950	Strip, Encoder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1F
1013	DZZHPB67952	Rod, Carriage	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
1014	DZZHPB67953	Spring, Encoder Strip	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
1015	DZZHPB67962	Bracket, Drop Detect	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1016	DZZHPB67968	Chute, Eternal	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
1017	DZZHPB67914	Roller, Drive	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6H
1018	DZZHPB67903	Spring, Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C, 7E, 8E
1019	DZZHPB67917	Motor, Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
1020	DZZHPB67922	Shaft, Pick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7H
1021	DZZHPB67928	Wall Kit Ass'y, Retainer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1022	DZZHPB67929	Plate Ass'y, Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8H
1023	DZZHPB67803	Cork, Pressure Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
1024	DZZHPB67945	Cam Follower Ass'y, Right	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G
1025	DZZHPB67944	Cam Follower Ass'y, Left	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6G
1026	DZZHPB67963	Bearing, Wall	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7H
1027	DZZHPB67802	Ground Strap, Carriage Bearing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7K
1028	DZZHPB67801	Ground Strap, Paper Pick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
1029	DZZHPB67808	Separator, Right Corner	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
1030	DZZHPB67804	Separator, Left Corner	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C

GPM Ass'y (UF-315) (2/3)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
1031	DZZHPB67806	Mount, Left Corner Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
1032	DZZHPB67809	Mount, Right Corner Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
1033	DZZHPB67807	Roller, Pick Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D, 6E
1034	DZZHPB67805	Spring, Pick Pinch Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D, 6E
1035	DZZHPB67997	Spring, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
1036	DZZHPB67998	Flag, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
1037	DZZHPB67999	Bracket, OOPS Mounting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
1038	DZZHPB67800	Sensor, Opto	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
1039	DZZHPB67979	Spring, Output	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 5H
1040	DZZHPB67995	Guide, Right Edge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
1041	DZZHPB67994	Guide, Left Edge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E
1042	DZZHPB67992	Roller, Star	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 3K, 4H
1043	DZZHPB67996	Clip, Kick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3E, 3G
1044	DZZHPB67993	Bearing, Output	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F, 3G
1045	DZZHPB67991	Roller, Kick	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F, 3H
1046	DZZHPB67976	Ground Strap, Platen	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
1047	DZZHPB67977	Ground Strap, Paper Drive	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
1048	DZZHPB67978	Roller, Drive Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
1049	DZZHPB67936	Paper Top Guide Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1C
1050	DZZHPB67973	Spring, Debounce	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
1051	DZZHPB67918	Gear, 28T/32P/84T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1052	DZZHPB67971	Gear, 18T/32P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1053	DZZHPB67933	Gear Ass'y, Pick Arm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
1054	DZZHPB67912	Gear, 52T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
1055	DZZHPB67915	Gear, 20T/49T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
1056	DZZHPB67911	Gear, 20T/32T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
1057	DZZHPB67972	Gear, 22T/48P	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
1058	DZZHPB67932	Gear Ass'y, Output Arm	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
1059	DZZHPB67916	Ass'y, Output Shaft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3F
1060	DZZHPB67954	Ramp, Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G

GPM Ass'y (UF-315) (3/3)

Ref. No.	Part Name	Description	AU	AC	AB	AL	AG	AK	AH	AS	EE	AW	AR	AM	AT	AJ	AD	AF	AN	AA	AQ	AP	AE	AV	YA	YY	YC	YX	YM	YT	YB	YH	YJ	YW	Location
1061	DZZHPB67975	Cable, OOPS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
1100	DZZHPB67969	Screw, M2.5X5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4H
1101	DZZHPB67970	Screw, M3X8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1I, 2K, 3K, 4B, 4C, 4H, 5F
1102	DZZHPB67923	Screw, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1D, 2A, 3D, 3E, 3G, 3H, 4H, 7C, 8E, 8K


A B C D E F G H I J K
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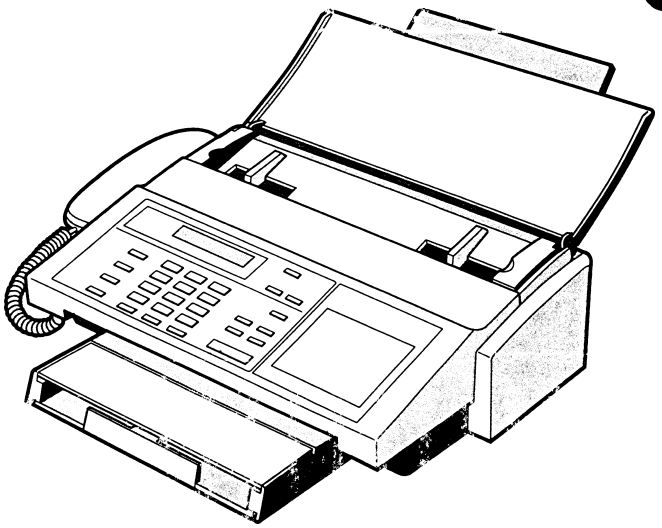
Fig,10 : GPM

ORDER NO. MGCS940101C0
(Standard Version)

Service Manual

Facsimile

UF-321 / UF-322



GENERAL DESCRIPTION FOR UF-321 ONLY
GENERAL DESCRIPTION FOR UF-322 ONLY
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INFORMATION CODE TABLE
DIAGNOSTIC CODES
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EXPLODED VIEW AND PARTS LIST
UNPACKING
COSTOMIZING YOUR MACHINE

Panasonic®

GENERAL DESCRIPTION FOR UF-321 ONLY

General Specifications
Scanner Specifications
Printer Specifications
Power
Environment
Construction
Function Table

1.3 General Specifications

(1) Communication Facility
Public Switched Telephone Network (PSTN)

(2) Line Coupling
Direct Coupling

(3) Input Level
-5 to -43 dbm

(4) Output Level
0 to -15 dbm

(5) Control Procedure
CCITT Rec.T.30
MGCS Proprietary short protocol

(6) Modem Speed
9600 bps/7200 bps (CCITT Rec.V.29)
4800 bps/2400 bps (CCITT Rec. V.27ter)

(7) Coding Scheme
MH (Modified Huffman)
MR (Modified Read)
MMR (Modified Modified Read)

(8) Communication Resolution

<Transmission>

Standard	:	8 pels/mm × 3.85 lines/mm
Fine	:	8 pels/mm × 7.70 lines/mm
S-Fine	:	8 pels/mm × 15.4 lines/mm

<Reception.>

			[300 dpi Mode]		
Standard	:	8 pels/mm × 3.85 lines/mm	Standard	:	300 dpi × 100 dpi
Fine	:	8 pels/mm × 7.70 lines/mm	Fine	:	300 dpi × 200 dpi
			300 dpi	:	300 dpi × 300 dpi (Conform to CCITT)

(9) Halftone
64 Levels, Error Diffusion

(10) Error Correction Mode
CCITT Rec. T.30 ECM (MMR)

(11) Image Memory Capacity

Standard (base)	:	12 pages		
Option (Additional)	:	30 pages	(512 Kbyte	: UE-410005)
		60 pages	(1Mbyte	: UE-410006)
		120 pages	(2Mbyte	: UE-410007)

(Using CCITT Test Chart No.1 in standard resolution)

(12) Transmission Speed
12 Seconds
(Using CCITT Test Chart No.1 in Standard Resolution, memory to memory communication)

(13) Automatic Dialing

Dialing Signal	:	10PPS/20PPS/DTMF
Dialing Method		
One-Touch Dialing	:	Up to 16 keys (Up to 15 keys : For U.K. version)
Abbreviated Dialing	:	Up to 34 stations
Manual Number Dialing	:	Up to 3 stations
(Direct Dialing)		(Up to 36 digits including pause and space)
Combination Dialing	:	Combination of One-Touch, Abbreviated and Manual Number Dialing
Multi-Station Dialing	:	Multi-Station Transmission/Polling Up to 53 stations (Up to 52 stations : For U.K. version) (34 Abbreviated, 16 One-Touch (15 One-Touch : U.K.) and 3 Manual Number Dialing) Deferred Multi-Station Transmission/Polling Up to 53 stations (Up to 52 stations : For U.K. version) (34 Abbreviated, 16 One-Touch Dialing (15 One-Touch Dialing : U.K.) and 3 Manual Number Dialing)

Registration Memory Capacity in One-Touch and Abbreviated Dialing)

Number of Stations	:	Up to 50 stations (49 stations : U.K.)
Telephone number of each station	:	Up to 36 digits (Including pauses and spaces)
Station name	:	Up to 15 characters for each station

Redialing

Automatic	:	Up to 15 times with 0 to 15 minute intervals
Manual	:	By pressing the Redial button (last number dialed)

(14) Print Reduction Ratio

Fixed Reduction Mode	:	70 to 100% in 1% steps
Automatic Reduction Mode	:	70 to 100% in 1% steps (according to the received document length)

(15) Memory Backup Battery
Backup Time
S-RAM Memory (Tel No., ID, logo etc.): Up to 10 days
D-RAM Memory (Document Memory) : None

Note : The backup times listed are for a battery fully charged.

(16) Mercury Key (For U.K. version)
Programmable Digit : Up to 36 digits (Including pauses and spaces)
Pre-stored number : 132 and a Pause

1.4 Scanner Specifications

(1) Document Dimensions

Width : Minimum 148 mm
Maximum 280 mm

Length : Minimum 128 mm
Maximum 364 mm

Note : With operator's assistance, a maximum of 2000mm length document can be sent (one page at a time)

(2) Automatic Document Feeder

The Automatic Document Feeder feeds the documents from the document tray automatically starting with the bottom page.

	Document Size	Document Thickness
Up to 20 pages	Up to 280 mm × 364mm	0.06 mm to 0.12 mm
Up to 30 pages*	A4 size or Letter size	0.06 mm to 0.10 mm

(3) Scanning Method

Horizontal : Flat-bed scanning by CCD image sensor
Vertical : Stepper Motor feeding

(4) Effective Scanning Width

212mm

(5) Scanning Resolution

Standard : 8 pels/mm × 3.85 line/mm
Fine : 8 pels/mm × 7.7 line/mm
S-Fine : 8 pels/mm × 15.4 line/mm

(6) Manual Original Contrast Selection
3 steps (Normal/Light/Dark)

1.5 Printer Specifications

(1) Recording Paper Size (W × L)

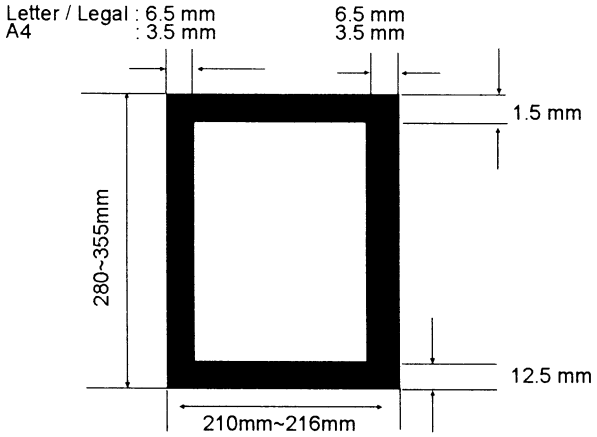
A4 : 210 mm × 297 mm
Letter : 216 mm × 279 mm : Adjustable
Legal : 216 mm × 356 mm : Adjustable

(2) Recommended Recording Paper Weight
60 g/m^2 to 90g/m^2

(3) Paper Capacity
100 sheets

(4) Printing Resolution
300 dpi × 300 dpi

(5) Non effective Recording Area
The shaded area shown below is the unprintable area on the recording paper.



(6) Printing Speed
2 ppm (30 seconds/page)

1.6 Power

(1) Power Requirement
180~264V, 47/63Hz, Single Phase
(108~132 VAC, 47/63Hz, Single Phase : 100V version)

(2) Power Consumption

Standby	:	Approx. 11 W
Copy	:	Approx. 29 W
Transmission	:	Approx. 25 W
Reception	:	Approx. 16 W
Max	:	Approx. 40 W

1.7 Environment

(1) Operating Environment

Temperature	:	5 to 35 °C
Relative Humidity	:	15 to 70% RH
Tilt	:	Even Level

(2) Storage Environment (Carton Box Condition)
Temperature : 0 to 60°C : With the Print Cartridge in the Carton Box.
Relative Humidity : 15 to 85% RH
Note: Machine should be stored upright.

(3) Transportation Environment (480 hours, Carton Box Condition)
Temperature : 0 to 60°C : With the Print Cartridge in the Carton Box.
Relative Humidity : 15 to 85% RH

1.8 Construction

Dimensions (W×D×H) : 401 mm × 379 mm × 154 mm
Weight (excluding paper) : Approx.8.3 Kg
External View : Refer to Appendix 1

1.9 Function Table

Items	UF-321	UF-311
(MAIN SPECIFICATION)		
Compatibility	G3	G3
Modem Speed (kbps)	9.6 / 7.2 / 4.8 / 2.4	9.6 / 7.2 / 4.8 / 2.4
Coding Scheme	MH / MR / MMR	MH / MR / MMR
CCITT ECM	Yes (MMR)	Yes (MMR)
MWS	No	No
Short Protocol	Yes (B)	Yes(B)
Transmission Speed (CCITT No.1)	12 Seconds	12 Seconds
Communication Resolution (line/mm) (* = Conform to CCITT)	Tx 8 × 3.75 8 × 7.7 8 × 15.4 Rx 8 × 3.75 300 × 100 8 × 7.7 300 × 200 300 × 300*	Tx 8 × 3.75 8 × 7.7 8 × 15.4 Rx 8 × 3.75 300 × 100 8 × 7.7 300 × 200 300 × 300*
(SCANNER MECHANISM)		
ADF Capacity	20 sheets	20 sheets
Max.Document Size	280 × 2000 mm	216 × 2000 mm
Min.Document Size	148 × 128 mm	148 × 128 mm
Effective Scanning Width	208 mm	208 mm
Scanning Device	CCD (A4)	CCD (A4)
Scanning Resolution	8 pels × 3.75 lines / mm 8 pels × 7.7 lines / mm 8 pels × 15.4 lines / mm	8 pels × 3.75 lines / mm 8 pels × 7.7 lines / mm
Scanning Speed (A4 size document)	12 seconds	12 seconds
Reduction XMT	No	No
Collation Stack	Yes	Yes
(PRINTER MECHANISM)		
Recording Method	Thermal Ink-jet	Thermal Ink-jet
Recording Paper Size	A4 / Letter or Legal	A4 / Letter or Legal
Recording Paper Capacity	100 sheets	100 sheets
Optional Recording Paper Cassette	No	No
Effective Printing Width	204 mm	208 mm
Recording Resolution	300 × 300 dpi	300 × 300 dpi
Recording Speed	2 ppm (30 sec / page)	1.2 ppm (50 sec / page)
Heather Timer (Inc. Fan Timer)	No	No
Collation Stack	No	No
(DOCUMENT MEMORY)		
Document Memory Capacity	12 pages (256KB)	12 pages (256KB)
Optional Document Memory	0.5 / 1 / 2 MB (IC Card)	0.5 / 1 / 2 MB
Document Memory Backup	No	No
Optional Document Memory Backup	No	No
(COPY QUALITY)		
ABC	Yes	Yes
Original Contrast Selection	Yes (3 levels)	Yes (2 levels)
Halftone	64 levels, Error Diffusion, FIQ 2Mode	32 levels, Error Diffusion
Extra Fine	S-Fine (8 × 15.4) (Tx only)	No
Smoothing	Yes	No
(DUAL OPERATIONS)		
Dual Operation	Yes (Semi-Dual)	No
Direct XMT Reserve	No	No
Memory XMT Reserve	No	No

Items	UF-321	UF-311
(DIALING FEATURES)		
One-Touch Keys	16 (15 : U.K. version)	16 (15 : U.K. version)
One-touch/Program Keys	0	0
Auto dialing location	50 (49 : U.K. version)	50 (49 : U.K. version)
One-touch Auto Dialing	16 (15 : U.K. version)	16 (15 : U.K. version)
Abbr. Auto Dialing	34	34
Max. digits on AD	36	36
Max. ID characters on AD	15	15
Alternative Abbr. Dialing	No	No
Full Number Dialing	3 stations	3 stations
Redialing	Yes	Yes
Chain Dialing	Yes	Yes
Directory Search Dialing	No	No
Line Monitor Speaker	Yes	Yes
Pulse/Tone change	Yes	Yes
Flash Key	Yes	Yes
(TRANSMISSION FEATURES)		
Memory Transmission	Yes	Yes
Multi-Station Transmission	Yes (53 /52 (U.K.) stations)	Yes (53 / 52 (U.K.) stations)
Multifile Transmission	Yes (3 files)	No
Deferred Transmission	Yes (2 timers)	Yes (1 timer)
Deferred Multi-Station Transmission	Yes (2 tmr, 53 / 52 (U.K.) stns)	Yes (1 tmr, 50 / 49 (U.K.) stns)
Priority Transmission	No	No
Batch Transmission	No	No
(RECEPTION FEATURES)		
Substitute Memory Reception	Yes	Yes
Fixed Reduction	Yes (70-100%)	Yes (70-100 %)
Auto Reduction	Yes (70-100%)	Yes (70-100%)
Overlapping Print	No	No
Fax/Tel Auto Switch	Yes	Yes
TAM Interface	Yes	Yes
Parallel TAM hookup	Yes	Yes
Receive to Memory	No	No
Remote Reception	Yes	No
Distinctive Ring Detector	No	No
(POLLING FEATURES)		
Polling	Yes	Yes
Turnaround Polling	No	No
Multi-Station Polling	Yes (53 / 52 (U.K.) stations)	No
Deferred Polling	Yes (2 timers)	No
Deferred Multi-Station Polling	Yes (2 tmr, 53 / 52 (U.K.) stns)	No
Direct Polling TX	No	No
Memory Polling TX	Yes (1 file)	No
Preset Polling Password	Yes	Yes
Temporary Polling Password	Yes	No
(COPY FUNCTIONS)		
Single Copy	Yes	Yes
Multiple Copy	Yes (99 copies)	No
Reduction Copy	Yes	Yes
Copying Resolution	203×196 lpi	203×196 lpi

Items	UF-321	UF-311
(CERTAINTY)		
Verification Stamp	Yes	No
Header/Total page Print	Yes	Yes
Comm.Journal	Yes	Yes
Transaction Journal	Yes (32)	Yes (32)
Last Individual XMT Journal	Yes	Yes
(LIST PRINTOUTS)		
One-Touch List	Yes	Yes
Abbr. No. List	Yes	Yes
Program List	No	No
Directory Search List	No	No
Fax Parameter List	Yes	Yes
File List	Yes	No
Character Code List	No	No
Directory Sheet	Yes	No
Callback Message	No	No
(IDENTIFICATIONS)		
Logo/TTI	25 Characters	25 Characters
Character ID	16 Characters	No
Numeric ID	20 digits	20 digits
(SPECIAL COMM.)		
Password XMT/RCV (Closed Network)	No	No
Select Reception (TSI check)	Yes	No
Relay XMT Request	No	No
Relay XMT Center	No	No
Confidential XMT/Polling	No	No
Confidential Comm. Center	No	No
Mailbox XMT/Polling	No	No
Mailbox Center	No	No
(OTHERS)		
Fax Access Code	No	No
Pin Code Access (PBX Access Code)	No	No
Department Code	No	No
Heater Timer (Include Fan timer)	No	No
Panel Display	20 x 2 Alphanumeric LCD	20 x 2 Alphanumeric LCD
Logo Input Method	Character Keys	Character Keys
Remote Diagnostic Function	Yes	Yes
Internal Demo	No	No
2-W Leased Line	No	No
Al Redial	No	No
Auto Multi-copy	No	No
Auto-Forwarding	No	No
(OPTIONS)		
Hard Disk Interface	No	No
RS-232 Interface	No	No
Encryption Interface	No	No
(CONSTRUCTION)		
Telephone Handset	Yes	No
Dimensions (W×D×H)	401 x 379 x 154 mm	452 x 380 x 203 mm
Weight	8.3 kg	10kg

GENERAL DESCRIPTION FOR UF-322 ONLY/ОБЩЕЕ ОПИСАНИЕ UF-322

General Specifications/Общие технические характеристики
Scanner Specifications/Технические характеристики сканера
Printer Specifications/Технические характеристики принтера
Power/Питание
Environment/Условия эксплуатации
Construction/Конструкция
Function Table/Сравнительная таблица

1.3 General Specifications

(1) Communication Facility
Public Switched Telephone Network (PSTN)

(2) Line Coupling
Direct Coupling

(3) Input Level
-5 to -43 dbm

(4) Output Level
0 to -15 dbm

(5) Control Procedure
CCITT Rec.T.30
MGCS Proprietary short protocol

(6) Modem Speed
9600 bps/7200 bps (CCITT Rec.V.29)
4800 bps/2400 bps (CCITT Rec. V.27ter)

(7) Coding Scheme
MH (Modified Huffman)
MR (Modified Read)
MMR (Modified Modified Read)

(8) Communication Resolution

<Transmission>

Standard	:	8 pels/mm × 3.85 lines/mm
Fine	:	8 pels/mm × 7.70 lines/mm
S-Fine	:	8 pels/mm × 15.4 lines/mm

<Reception.>

Standard	:	8 pels/mm × 3.85 lines/mm	[300 dpi Mode]		
Fine	:	8 pels/mm × 7.70 lines/mm	Standard	:	300 dpi × 100 dpi
			Fine	:	300 dpi × 200 dpi
			300 dpi	:	300 dpi × 300 dpi (Conform to CCITT)

(9) Halftone
64 Levels, Error Diffusion

(10) Error Correction Mode
CCITT Rec. T.30 ECM (MMR)

(11) Image Memory Capacity

Standard (base)	:	28 pages		
Option (Additional)	:	30 pages	(512Kbyte	: UE-410005)
	:	60 pages	(1Mbyte	: UE-410006)
	:	120 pages	(2Mbyte	: UE-410007)

(Using CCITT Test Chart No.1 in standard resolution)

(12) Transmission Speed
12 Seconds
(Using CCITT Test Chart No.1 in Standard Resolution, memory to memory communication)

(13) Automatic Dialing

Dialing Signal	:	10PPS/20PPS/DTMF
Dialing Method		
One-Touch Dialing	:	Up to 28 keys / 27 keys (U.K.) (including 4 / 3 (U.K.) programmable keys)
Abbreviated Dialing	:	Up to 72 stations
Manual Number Dialing (Direct Dialing)	:	Up to 12 stations (Up to 36 digits including pause and space)
Programmable Dialing	:	Up to 4 / 3 (U.K.) programmable keys
Combination Dialing	:	Combination of One-Touch, Abbreviated and Manual Number Dialing
Multi-Station Dialing	:	Multi-Station Transmission/Polling Up to 112 stations (111 stations : U.K.) (72 Abbreviated, 28 /27 (U.K) One-Touch and 12 Manual Number Dialing) Deferred Multi-Station Transmission/Polling Up to 112 / 111 (U.K.) stations (72 Abbreviated, 28 / 27 (U.K.) One-Touch Dialing and 12 Manual Number Dialing)

Registration Memory Capacity in One-Touch and Abbreviated Dialing)

Number of Stations	:	Up to 100 (99 stations : U.K.) stations
Telephone number of each station	:	Up to 36 digits (Including pauses and spaces)
Station name	:	Up to 15 characters for each station

Redialing

Automatic	:	Up to 15 times with 0 to 15 minute intervals
Manual	:	By pressing the Redial button (last number dialed)

(14) Print Reduction Ratio

Fixed Reduction Mode	:	70 to 100% in 1% steps
Automatic Reduction Mode	:	70 to 100% in 1% steps (according to the received document length)

(15) Memory Backup Battery
Backup Time
S-RAM Memory (Tel No., ID, logo etc.) : Up to 10 days
D-RAM Memory (Document Memory) : Up to 1 hour (with option memory)
Note : The backup times listed are for a battery fully charged.

(16) Mercury Key (For U.K. version)
Programmable Digit : Up to 36 digits (Including pauses and spaces)
Pre-stored number : 132 and a Pause

1.4 Scanner Specifications

(1) Document Dimensions

Width : Minimum 148 mm
Maximum 280 mm
Length : Minimum 128 mm
Maximum 364 mm

Note : With operator's assistance, a maximum of 2000mm length document can be sent (one page at a time)

(2) Automatic Document Feeder

The Automatic Document Feeder feeds the documents from the document tray automatically starting with the bottom page.

	Document Size	Document Thickness
Up to 20 pages	Up to 280 mm × 364 mm	0.06 mm to 0.12 mm
Up to 30 pages*	A4 size or Letter size	0.06 mm to 0.10 mm

(3) Scanning Method

Horizontal : Flat-bed scanning by CCD image sensor
Vertical : Stepper Motor feeding

(4) Effective Scanning Width

252mm

(5) Scanning Resolution

Standard : 8 pels/mm × 3.85 line/mm
Fine : 8 pels/mm × 7.7 line/mm
S-Fine : 8 pels/mm × 15.4 line/mm

(6) Manual Original Contrast Selection
3 steps (Normal/Light/Dark)

1.5 Printer Specifications

(1) Recording Paper Size (W × L)

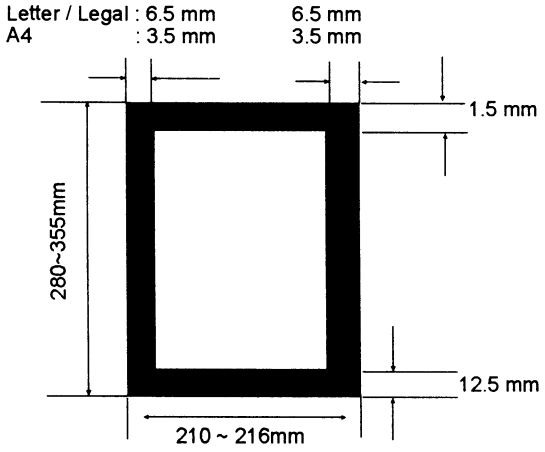
A4 : 210 mm × 297 mm
Letter : 216 mm × 279 mm : Adjustable
Legal : 216 mm × 356 mm : Adjustable

(2) Recommended Recording Paper Weight
60 g/m^2 to 90g/m^2

(3) Paper Capacity
100 sheets

(4) Printing Resolution
300 dpi × 300 dpi

(5) Noneffective Recording Area
Following shaded area is unprintable area on the recording paper.



(6) Printing Speed
2 ppm (30 seconds/page)

1.6 Power

(1) Power Requirement
180~264V, 47/63Hz, Single Phase
(108~132 VAC, 47/63Hz, Single Phase : 100V version)

(2) Power Consumption

Standby	:	Approx. 11 W
Copy	:	Approx. 29 W
Transmission	:	Approx. 25 W
Reception	:	Approx. 16 W
Max	:	Approx. 40 W

1.7 Environment

(1) Operating Environment

Temperature	:	5 to 35 °C
Relative Humidity	:	15 to 70% RH
Tilt	:	Even Level

(2) Storage Environment (Carton Box Condition)
Temperature : 0 to 60°C : With the Print Cartridge in the Carton Box.
Relative Humidity : 15 to 85% RH
Note: Machine should be stored upright.

(3) Transportation Environment (480 hours, Carton Box Condition)
Temperature : 0 to 60°C : With the Print Cartridge in the Carton Box.
Relative Humidity : 15 to 85% RH

1.8 Construction

Dimensions (W×D×H)	401 mm × 379 mm × 154 mm
Weight (excluding paper)	Approx. 8.3 Kg
External View	Refer to Appendix 1

1.9 Function Table

Items	UF-322	UF-312
(MAIN SPECIFICATION)		
Compatibility	G3	G3
Modem Speed (kbps)	9.6/7.2/4.8/2.4	9.6 / 7.2 / 4.8 / 2.4
Coding Scheme	MH/MR/MMR	MH/MR/MMR
CCITT ECM	Yes (MMR)	Yes (ECM)
MWS	No	No
Short Protocol	Yes (B)	Yes(B)
Transmission Speed (CCITT No.1)	12 Seconds	12 Seconds
Communication Resolution (line / mm) (* = Conform to CCITT)	Tx 8 × 3.75 8 × 7.7 8 × 15.4 Rx 8 × 3.75 300 × 100 8 × 7.7 300 × 200 300 × 300*	Tx 8 × 3.75 8 × 7.7 8 × 15.4 Rx 8 × 3.75 300 × 100 8 × 7.7 300 × 200 300 × 300*
(SCANNER MECHANISM)		
ADF Capacity	20 sheets	20 sheets
Max.Document Size	280×2000mm	216 × 2000 mm
Min.Document Size	148×128mm	148 × 128 mm
Effective Scanning Width	252mm	208 mm
Scanning Device	CCD(B4)	CCD (A4)
Scanning Resolution	8 pels × 3.75 lines/mm 8 pels × 7.7 lines/mm 8 pels × 15.4 lines/mm	8 pels × 3.75 lines / mm 8 pels × 7.7 lines / mm 8 pels × 15.4 lines / mm
Scanning Speed (A4 size document)	12 seconds	12 seconds
Reduction XMT	Yes (B4→A4/Letter)	No
Collation Stack	Yes	Yes
(PRINTER MECHANISM)		
Recording Method	Thermal Ink-jet	Thermal Ink-jet
Recording Paper Size	A4 / Letter or Legal	A4 / Letter or Legal
Recording Paper Capacity	100 sheets	100 sheets
Optional Recording Paper Cassette	No	No
Effective Printing Width	204 mm	208 mm
Recording Resolution	300×300 dpi	300 × 300 dpi
Recording Speed	2 ppm (30 sec/page)	1.2 ppm (50 sec / page)
Heather Timer (Inc. Fan Timer)	No	No
Collation Stack	No	No
(DOCUMENT MEMORY)		
Document Memory Capacity	28 pages (512KB)	28 pages (512KB)
Optional Document Memory	0.5 / 1 / 2MB (IC Card)	0.5 / 1 / 2MB
Document Memory Backup	Yes (1 hour)	No
Optional Document Memory Backup	No	No
(COPY QUALITY)		
ABC	Yes	Yes
Original Contrast Selection	Yes (3 levels)	Yes (3 levels)
Halftone	64 levels, Error Diffusion, FIQ 2Mode	32 levels, Error Diffusion
Extra Fine	S-Fine (8 × 15.4) (Tx only)	S-Fine (8 × 15.4)(Tx only)
Smoothing	Yes	No
(DUAL OPERATIONS)		
Dual Operation	Yes (Semi-Dual)	Yes (Semi-Dual)
Direct XMT Reserve	Yes	Yes
Memory XMT Reserve	Yes (Conditional)	Yes

Items	UF-322	UF-312
(DIALING FEATURES)		
One-Touch Keys	24	24
One-touch/Program Keys	4 (3 : U.K. version)	4 (3 : U.K. version)
Auto dialing location	100 (99 : U.K. version)	100 (99 : U.K. version)
One-touch Auto Dialing	28 /27 (U.K.) (including 4 / 3 (U.K.) Program Key)	24
Abbr. Auto Dialing	72	100 (including 24 One-Touch Key)
Max. digits on AD	36	36
Max. ID characters on AD	15	15
Alternative Abbr. Dialing	No	No
Full Number Dialing	12 stations	12 stations
Redialing	Yes	Yes
Chain Dialing	Yes	Yes
Directory Search Dialing	No	No
Line Monitor Speaker	Yes	Yes
Pulse/Tone change	Yes	Yes
Flash Key	Yes	Yes
(TRANSMISSION FEATURES)		
Memory Transmission	Yes	Yes
Multi-Station Transmission	Yes (112 / 111 (U.K.) stations)	Yes (112 stations)
Multifile Transmission	Yes (8 files)	Yes (8 files)
Deferred Transmission	Yes (6 timers)	Yes (2 timer)
Deferred Multi-Station Transmission	Yes (10 tmr, 112 / 111 (U.K.) stns)	Yes (2 tmr, 100 stns)
Priority Transmission	Yes (ADF TX Reserve)	No
Batch Transmission	No	No
(RECEPTION FEATURES)		
Substitute Memory Reception	Yes	Yes
Fixed Reduction	Yes (70-100%)	Yes (70-100 %)
Auto Reduction	Yes (70-100%)	Yes (70-100%)
Overlapping Print	No	No
Fax/Tel Auto Switch	Yes	Yes
TAM Interface	Yes	Yes
Parallel TAM hookup	Yes	Yes
Receive to Memory	Yes	Yes
Remote Reception	Yes	No
Distinctive Ring Detector	No	No
(POLLING FEATURES)		
Polling	Yes	Yes
Turnaround Polling	No	No
Multi-Station Polling	Yes (112 / 111 (U.K.) stations)	Yes (112 stations)
Deferred Polling	Yes (6 timers)	Yes (2 timers)
Deferred Multi-Station Polling	Yes (6 tmr, 112 / 111 (U.K.) stns)	Yes (2 tmr, 112 stns)
Direct Polling TX	No	Yes
Memory Polling TX	Yes (1 file)	Yes (1 file)
Preset Polling Password	Yes	Yes
Temporary Polling Password	Yes	No
(COPY FUNCTIONS)		
Single Copy	Yes	Yes
Multiple Copy	Yes (99 copies)	Yes (99 copies)
Reduction Copy	Yes	Yes
Copying Resolution	203×196 lpi	203×196 lpi

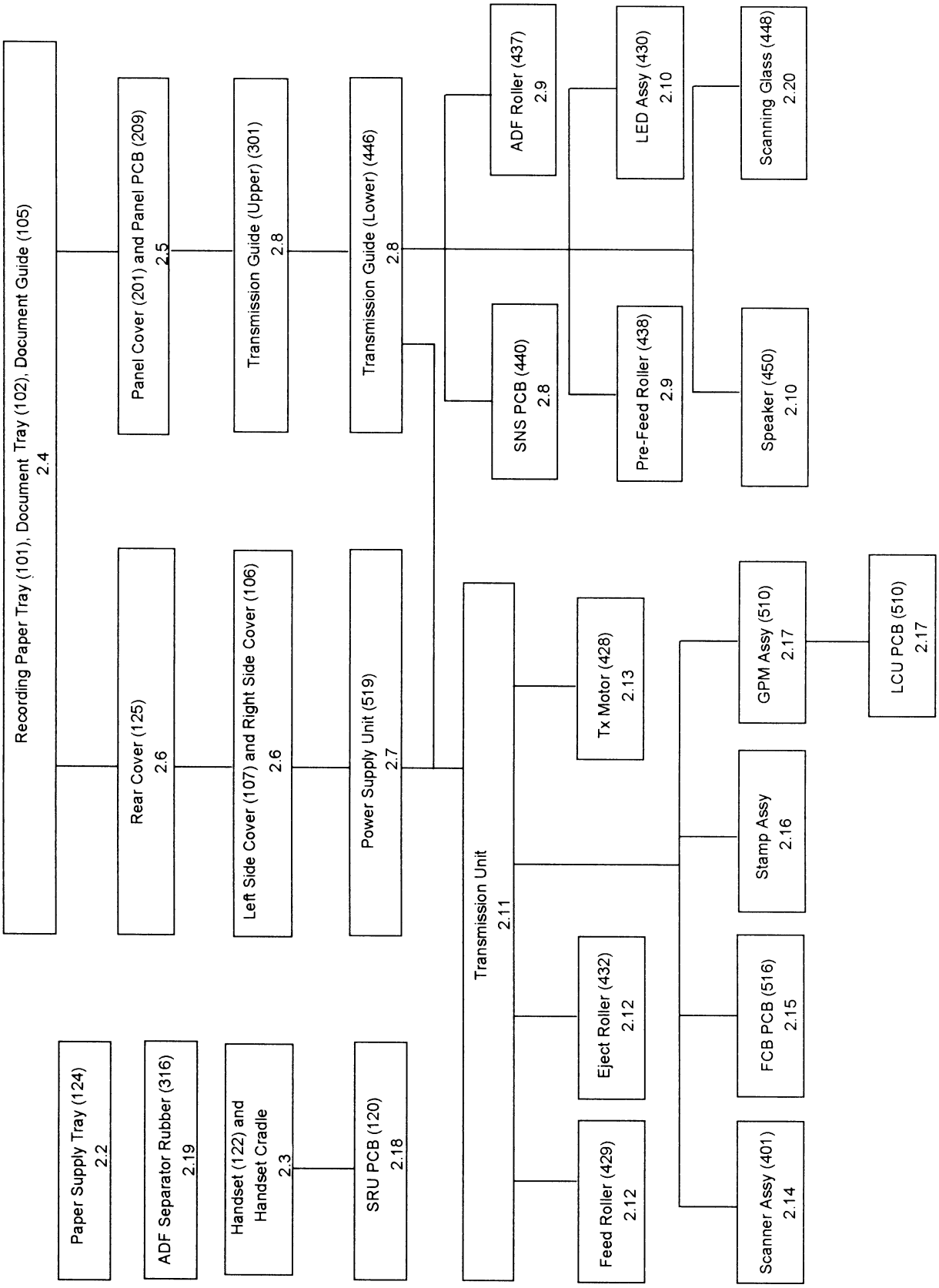
Panasonic UF-322

Items	UF-322	UF-312
(CERTAINTY)		
Verification Stamp	Yes	Yes
Header/Total page Print	Yes	Yes
Comm.Journal	Yes	Yes
Transaction Journal	Yes (32)	Yes (32)
Last Individual XMT Journal	Yes	Yes
(LIST PRINTOUTS)		
One-Touch List	Yes	Yes
Abbr. No. List	Yes	Yes
Program List	Yes	Yes
Directory Search List	No	No
Fax Parameter List	Yes	Yes
File List	Yes	No
Character Code List	No	No
Directory Sheet Print	Yes	No
Callback Message	No	No
(IDENTIFICATIONS)		
Logo/TTI	25 Characters	25 Characters
Character ID	16 Characters	16 Characters
Numeric ID	20 digits	20 digits
(SPECIAL COMM.)		
Password XMT/RCV (Closed Network)	Yes	Yes
Select Reception (TSI check)	Yes	No
Relay XMT Request	Yes	Yes
Relay XMT Center	No	No
Confidential XMT/Polling	Yes	Yes
Confidential Comm. Center	No	No
Mailbox XMT/Polling	Yes	Yes
Mailbox Center	Yes (7 boxes)	Yes (7 boxes)
(OTHERS)		
Fax Access Code	Yes	Yes
Pin Code Access (PBX Access Code)	No	No
Department Code	No	No
Panel Display	20 x 2 Alphanumeric LCD	20 x 2 Alphanumeric LCD
Logo Input Method	Character Keys	Character Keys
Remote Diagnostic Function	Yes	Yes
Internal Demo	No	No
2-W Leased Line	No	No
Al Redial	No	No
Auto Multi-copy	No	No
Auto-Forwarding	No	No
(OPTIONS)		
Hard Disk Interface	No	No
RS-232 Interface	No	No
Encryption Interface	No	No
(CONSTRUCTION)		
Telephone Handset	Yes	Yes
Dimensions (WxDxH)	401 x 379 x 154mm	452 x 380 x 203mm
Weight	8.3 kg	10kg

DISASSEMBLY INSTRUCTION/ПОРЯДОК РАЗБОРКИ

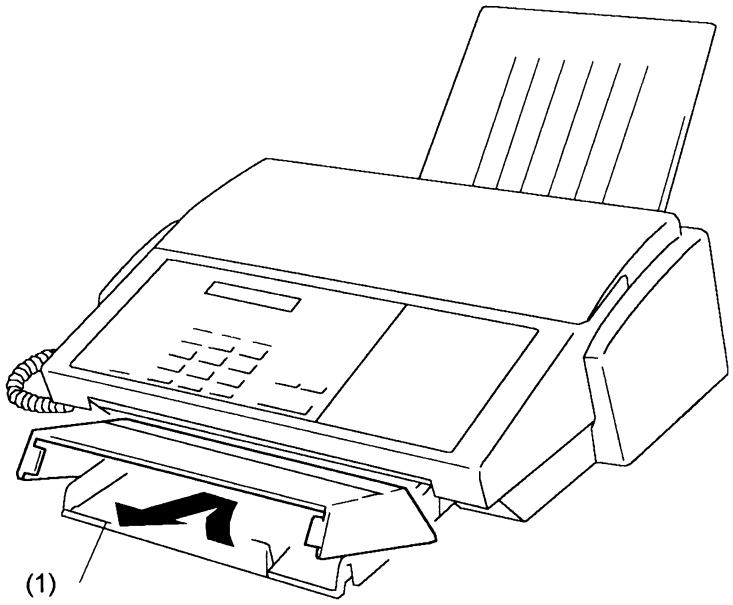
- General Disassembly Flowchart/Общая процедура разборки
- Paper Supply Tray (124)/Лоток подачи бумаги (124)
- Handset (122) and Handset Cradle/Трубка (122) и приемник трубки
- Document Tray (102),Document Guide (105),Recording Paper Tray (101)/Приемный лоток (102) и направляющие (105,101)
- Panel Cover (201),Panel PCB (209)/Передняя панель (201) и плата управления (209)
- Rear Cover (125),Left and Right Side Cover (107,106)/Задняя (125) и боковые крышки (107,106)
- Power Supply Unit (519)/Блок питания (519)
- Transmission Guide (Upper) and (Lower),SEN PCB (440)/Нижние и верхние направляющие транспортера,плата датчиков (440)
- ADF Roller (437),Pre-Feed Roller (438)/Вал автоподатчика (437) и захвата бумаги (438)
- LED Array Ass`y (430),Speaker (450)/Блок сканера (430) и динамик (450)
- Transmission Unit/Транспортер
- Feed Roller (429),Eject Roller (432)/Вал протяжки (429) и выброса (432)
- Tx Motor (428)/Двигатель (428)
- Scanner Ass`y (401)/Сканер (401)
- FCB PCB (516)/Основная плата (516)
- Stamp Ass`y,Stamp/Блок маркера
- GPM Unit,LCU PCB (510)/Блок принтера (510)
- SRU PCB (120)/Плата приемника трубки (120)
- ADF Separator Rubber (316)/Разделитель автоподатчика (316)
- Cleaning Scanning Glass (448) and Rollers/Чистка стекла сканера (448) и роликов

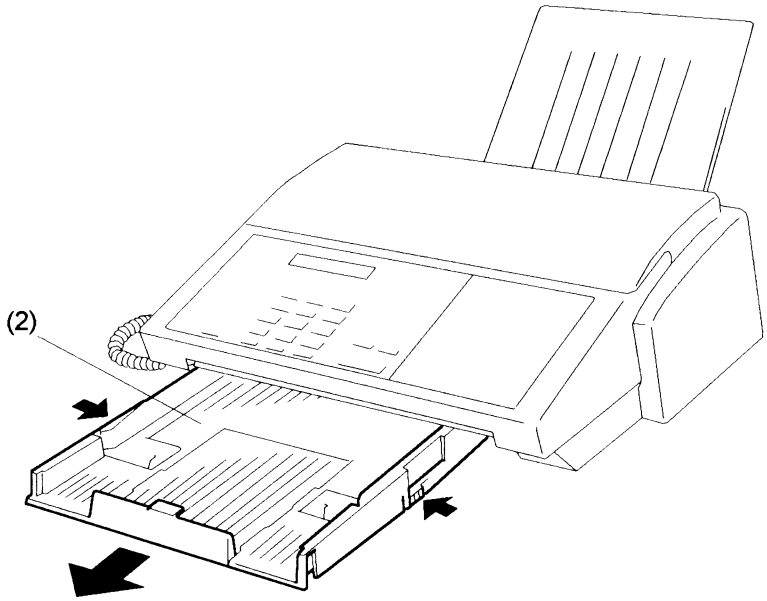
2.1 General Disassembly Flowchart



2.2 Paper Supply Tray (124)

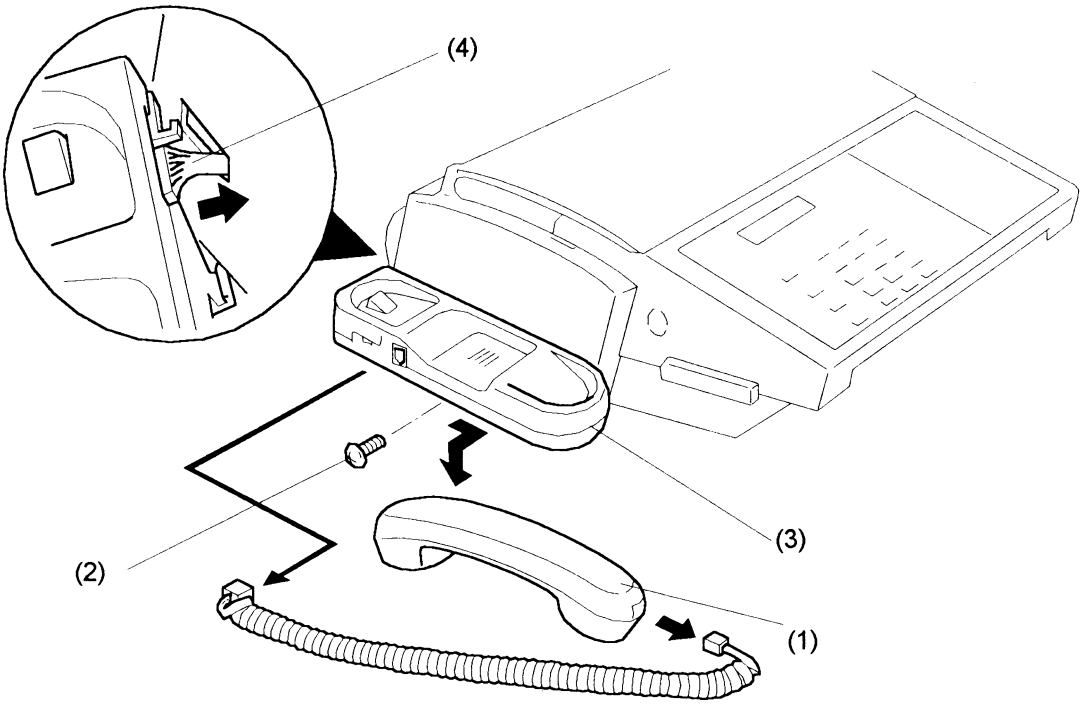
Step	Figure	Disassembly Procedure
1	(1)	Remove the ***Document Return Tray*** (116)
2	(2)	Remove the ***Paper Supply Tray*** (124)





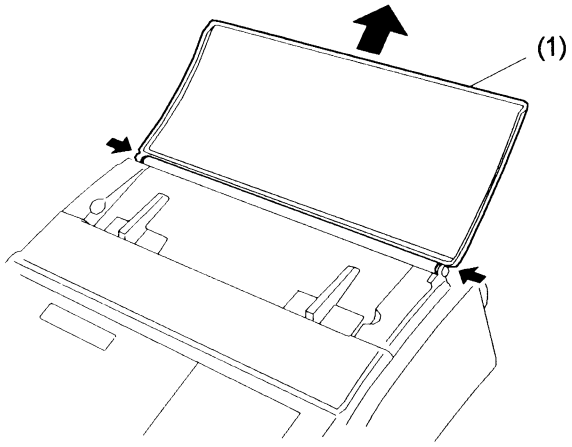
2.3 Handset (122) & Handset Cradle

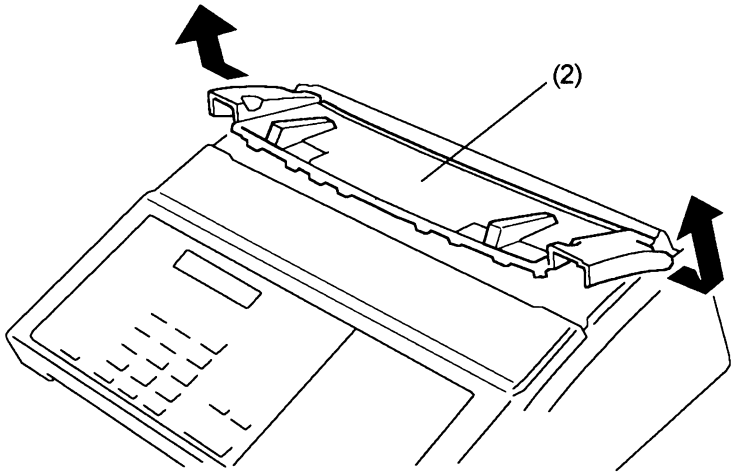
Step	Figure	Disassembly Procedure
1	(1)	Remove the ***Handset*** (122)
	(2)	One ***Screw*** (6M)
	(3)	Remove the ***Handset Cradle***
	(4)	Disconnect One Connector (CN2)

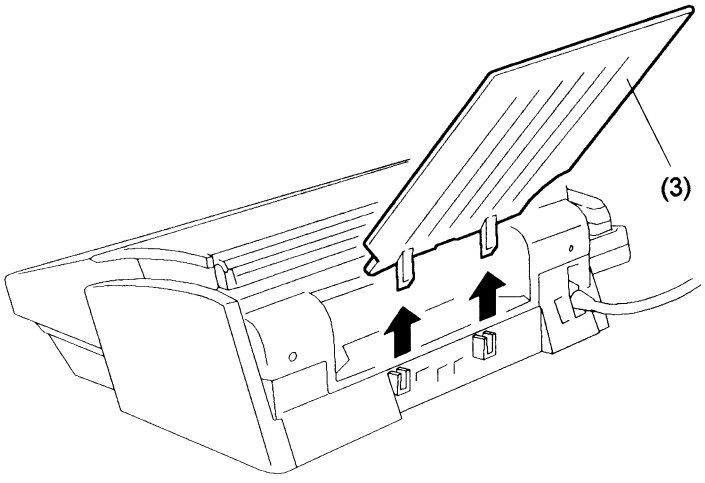


2.4 Document Tray (102), Document Guide (105), Recording Paper Tray (101)

Step	Figure	Disassembly Procedure
1	(1)	Remove the ***Document Tray*** (102)
2	(2)	Remove the ***Document Guide*** (105)
3	(3)	Remove the ***Recording Paper Tray*** (101)

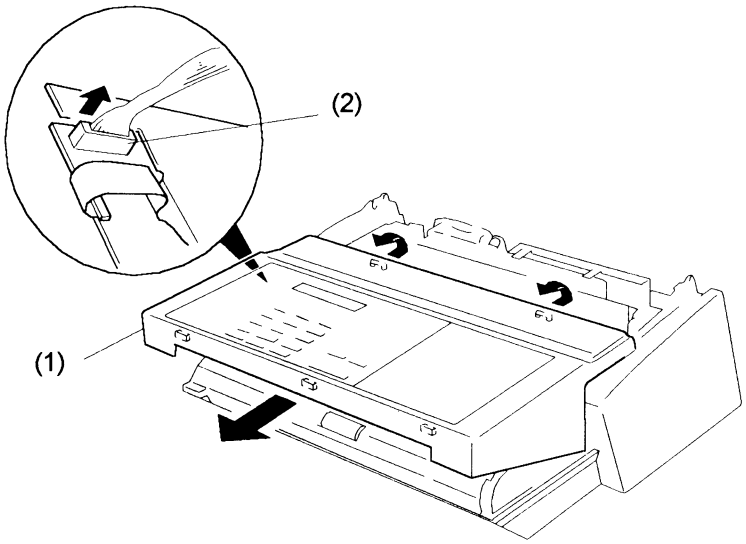


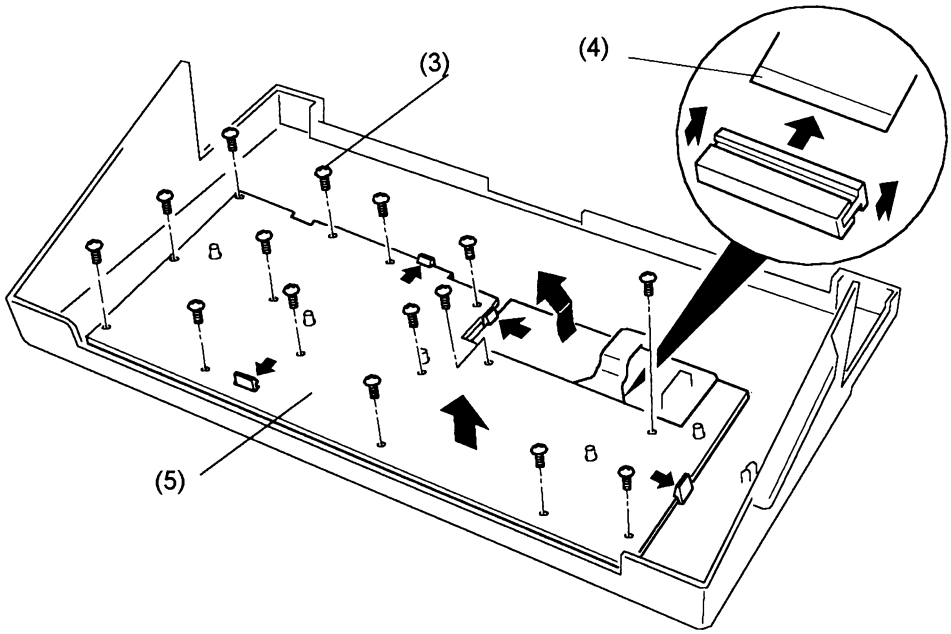




2.5 Panel Cover (201), Panel PCB (209)

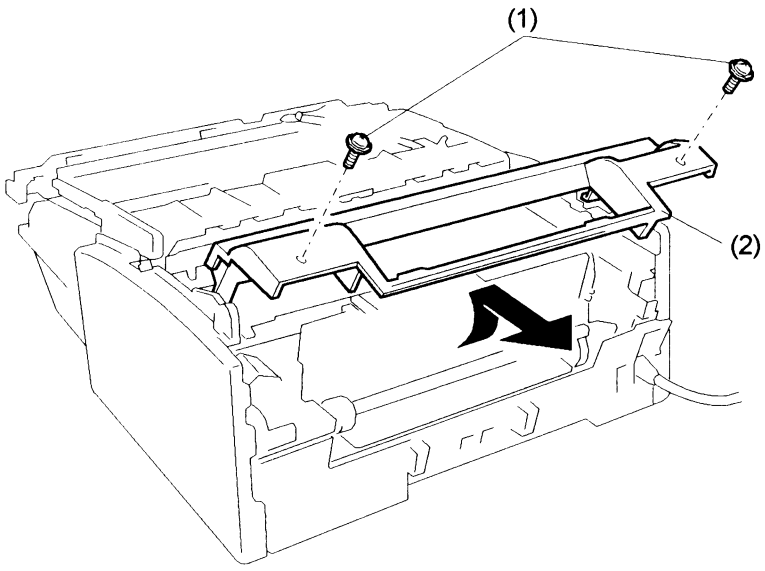
Step	Figure	Disassembly Procedure
		Remove Document Tray, Document Guide and Recording Paper Tray
1	(1)	Remove the ***Panel Cover*** (201)
	(2)	Disconnect One Connector (CN42)
2	(3)	15 ***Screws*** (5S)
	(4)	Disconnect One Connector
	(5)	Remove the ***Panel PCB*** (209)

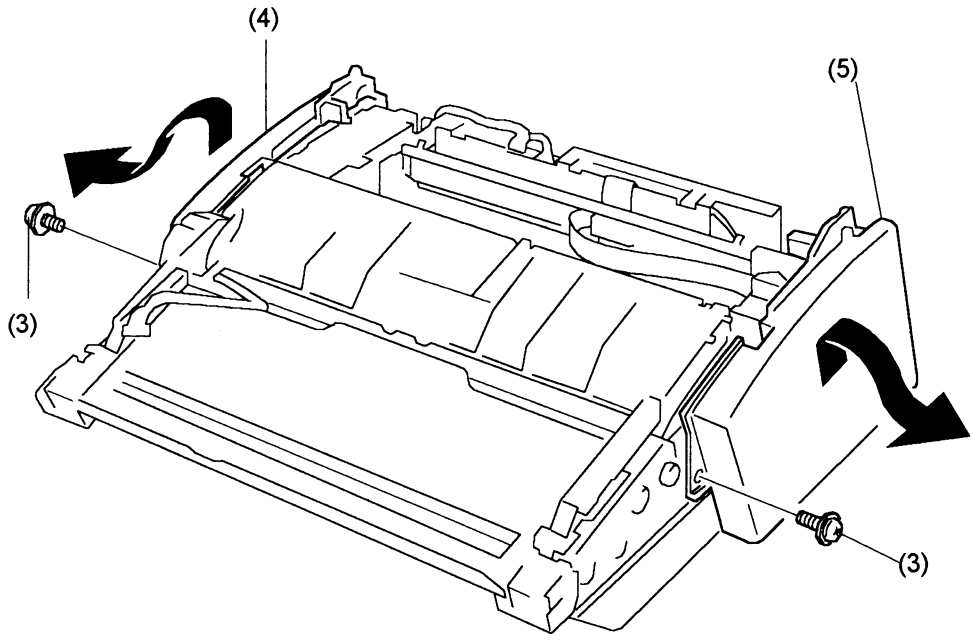




2.6 Rear Cover (125), Left & Right Side Cover (107, 106)

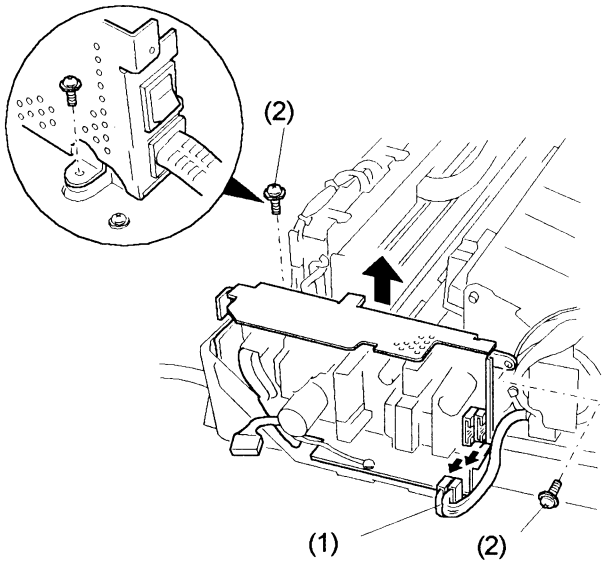
Step	Figure	Disassembly Procedure
1		Remove Document Tray, Document Guide and Recording Paper Tray
2	(1)	Two ***Screws*** (2D)
	(2)	Remove the ***Rear Cover*** (125)
3	(3)	Two ***Screws*** (2D)
	(4)	Remove the ***Left Side Cover*** (107)
	(5)	Remove the ***Right Side Cover*** (106)

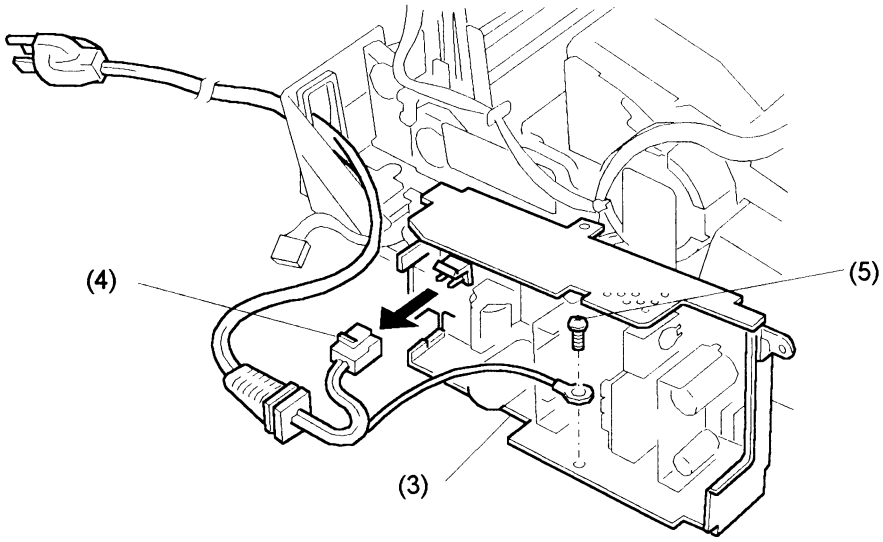




2.7 Power Supply Unit (519)

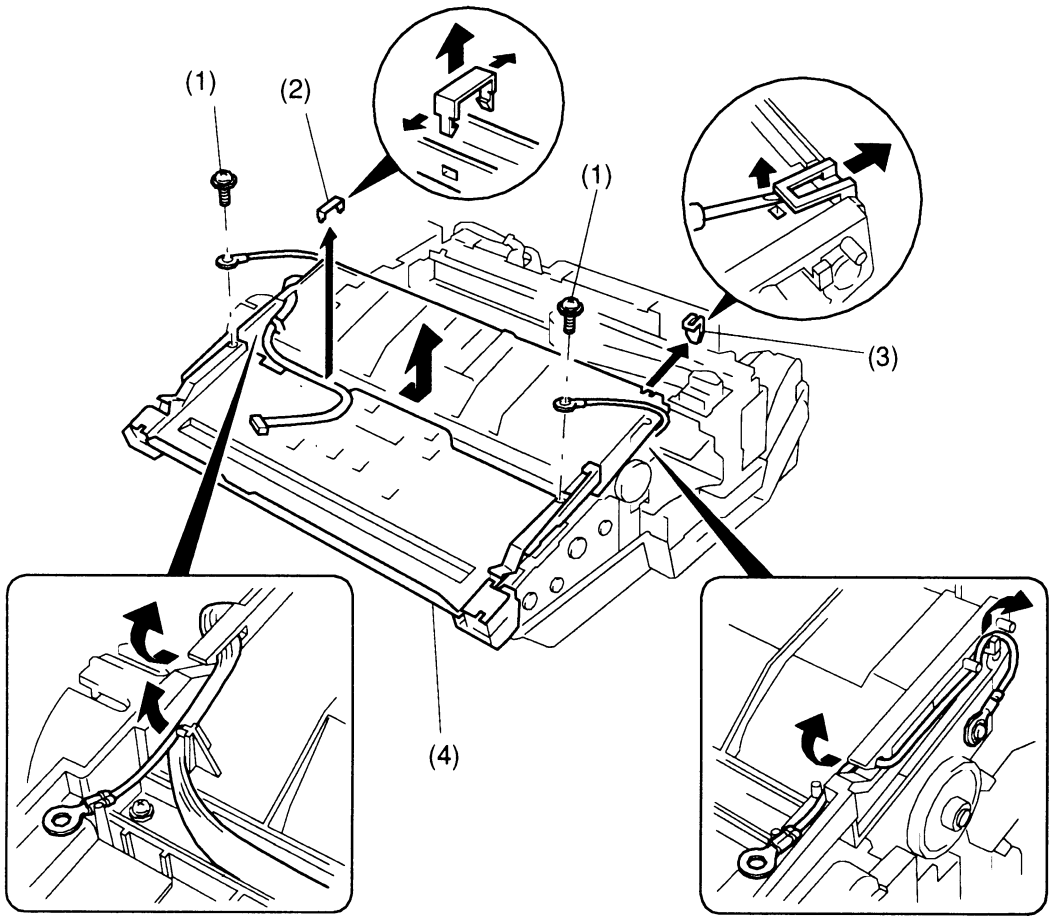
Step	Figure	Disassembly Procedure
1		Remove Rear, Left and Right Side Cover. (See Chap. 2.6)
2	(1)	Disconnect Two Connectors (CN2, CN3)
	(2)	Two ***Screws*** (19)
3	(3)	Remove the ***Power Supply Unit*** (519)
	(4)	Disconnect One Connector (CN1)
	(5)	One ***Screw*** (1M) and Ground Wire

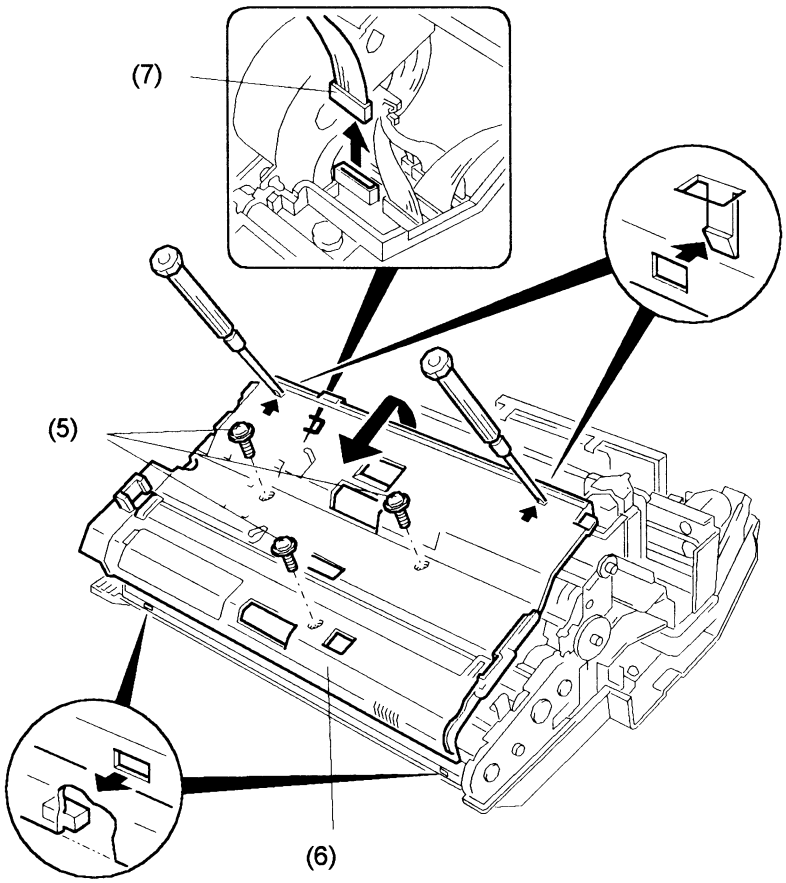


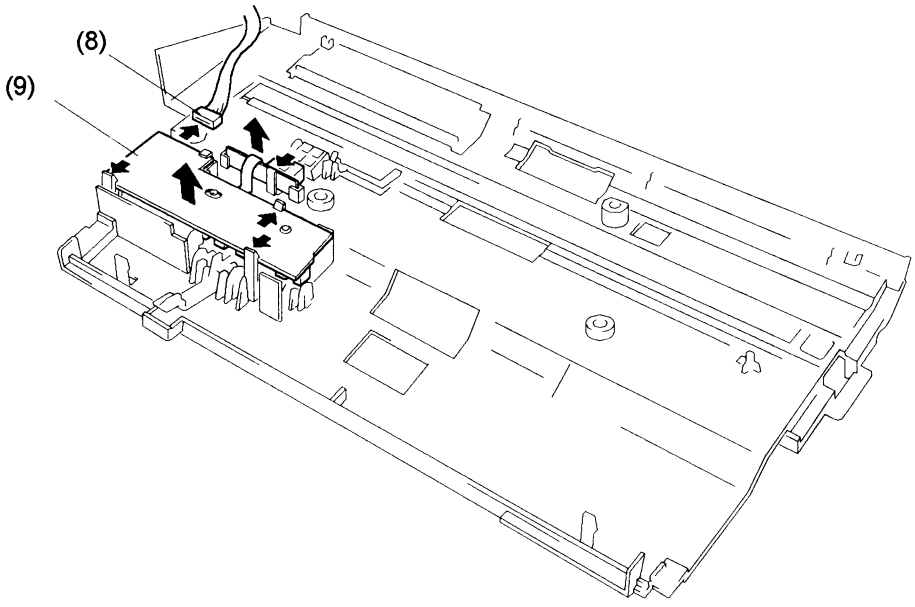


2.8 Transmission Guide (Upper) & (Lower) , SEN PCB (440)

Step	Figure	Disassembly Procedure
1		Remove Panel Cover (See Chap. 2.5)
2	(1)	Two ***Screws*** (19)
	(2)	Remove the ***Wire Clamp*** (320)
	(3)	Remove the ***Plastic Clip*** (314)
	(4)	Remove the ***Document Guide*** (Upper)
3	(5)	Three ***Screws*** (19)
	(6)	Remove the ***Transmission Guide*** (Lower)
	(7)	Disconnect One Connector (CN8)
	(8)	Disconnect One Connector (CN31)
	(9)	Remove the ***SEN PCB*** (440)

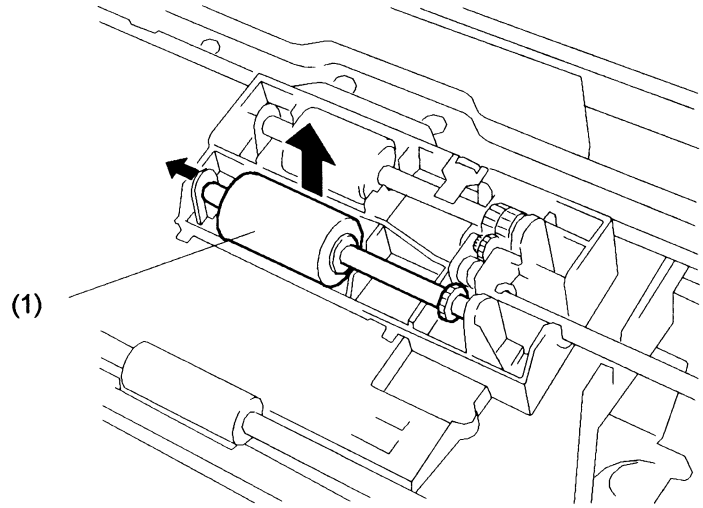


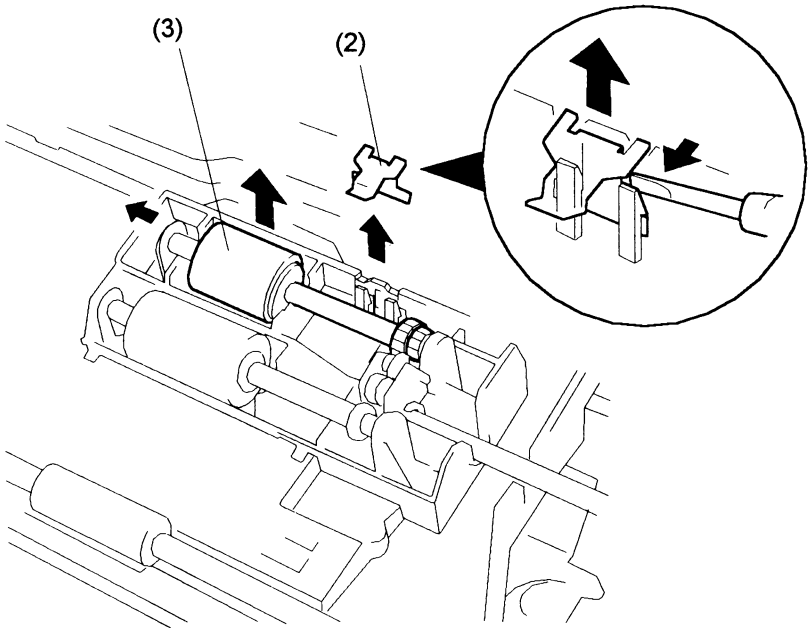

(7)
(5)
(6)


(8)
(9)

2.9 ADF Roller (437), Pre-Feed Roller (438)

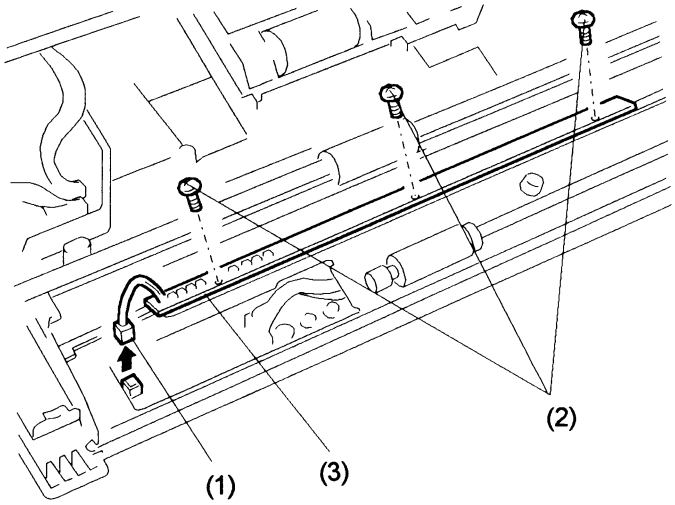
Step	Figure	Disassembly Procedure
1		Remove Transmission Guide (Lower). (See Chap. 2.8)
2	(1)	Remove the ***ADF Roller*** (437)
3	(2)	Remove the ***Pressure Plate*** (439)
	(3)	Remove the ***Pre-Feed Roller*** (438)

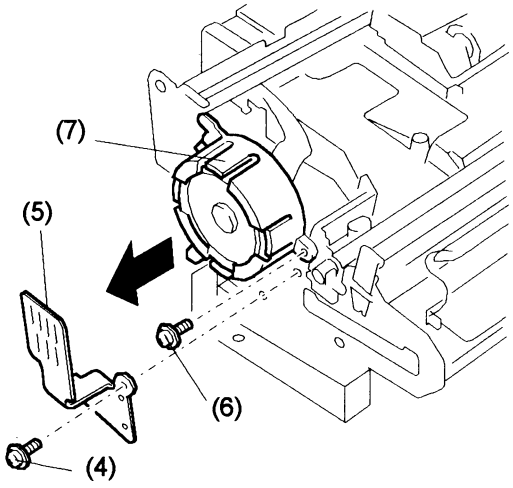


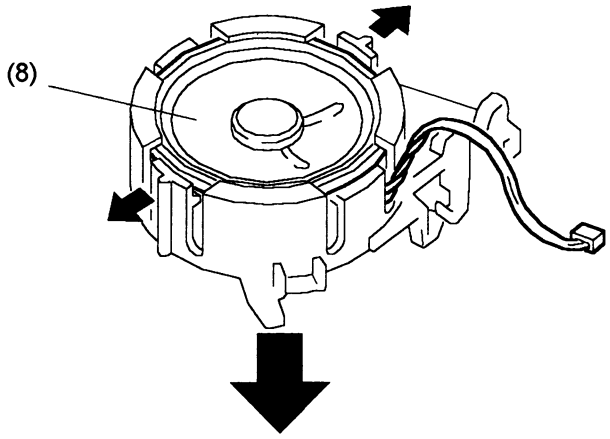


2.10 LED Array Ass'y (430), Speaker (450)

Step	Figure	Disassembly Procedure
1		Remove Transmission Guide (Lower) (See Chap. 2.8)
2	(1)	Disconnect One Connector (CN10)
	(2)	Three ***Screws*** (9H) for UF-321/PX-360
		Four ***Screws*** (9H) for UF-322
	(3)	Remove the ***LED Array Ass'y*** (430)
3	(4)	One ***Screw*** (19)
	(5)	Remove the ***Speaker Cover*** (452)
	(6)	One ***Screw*** (19)
	(7)	Remove the ***Speaker Unit*** (451)
	(8)	Remove the ***Speaker*** (450)

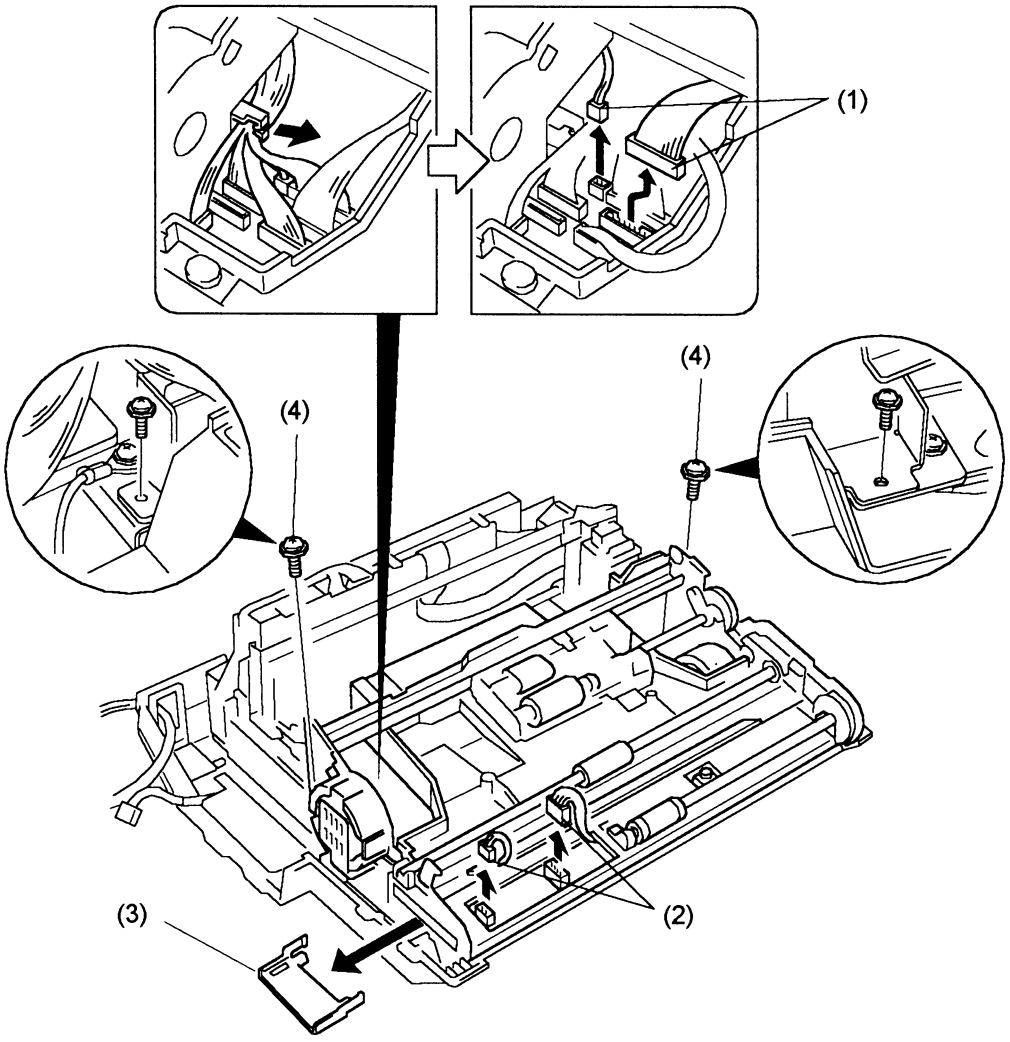


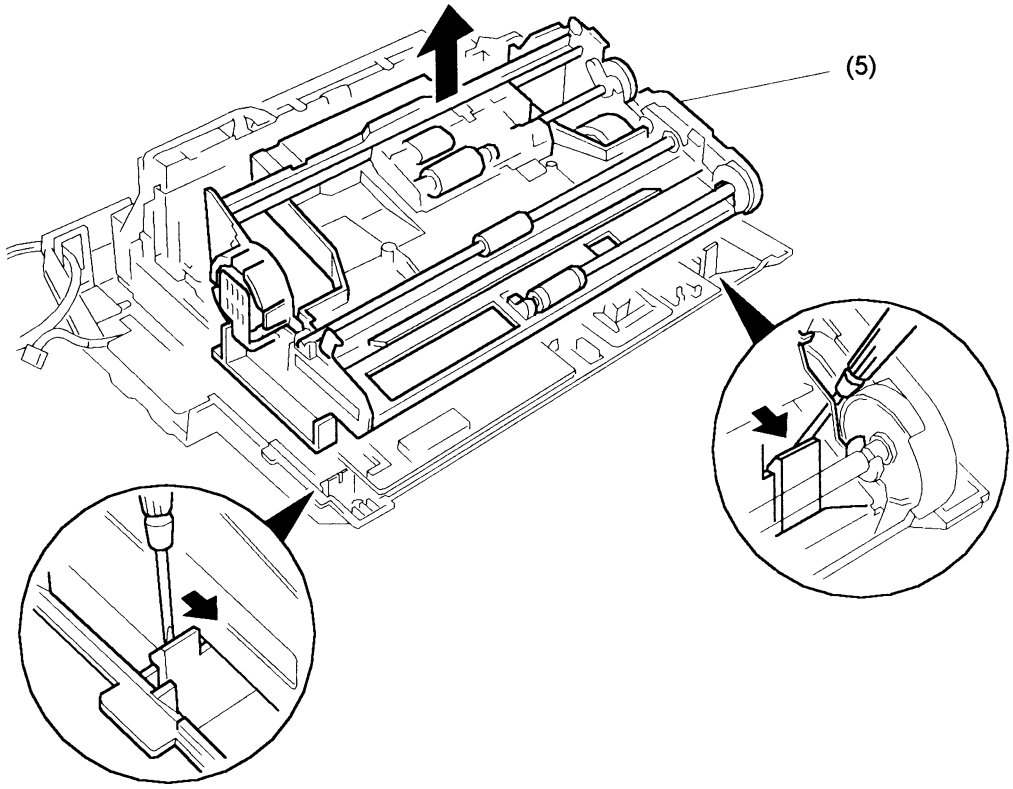




2.11 Transmission Unit

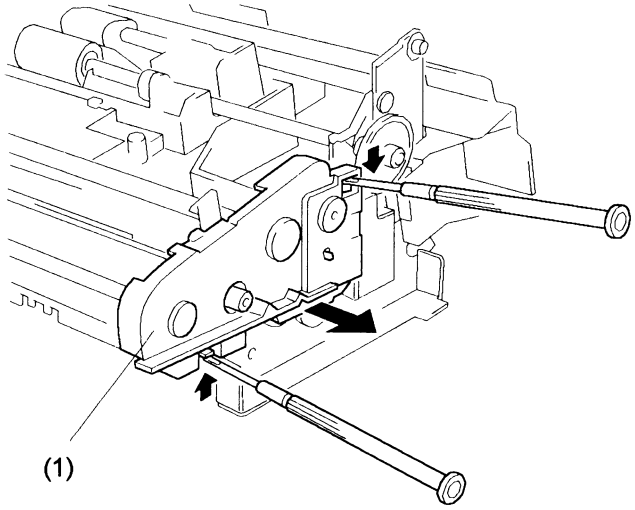
Step	Figure	Disassembly Procedure
1		Disconnect Power Supply Cord
		Remove Transmission Guide (Lower). (See Chap. 2.8)
2	(1)	Two Connectors (CNP3, CNP7 on the FCB PCB)
	(2)	Two Connectors (CNP4, CNP10 on the FCB PCB)
	(3)	Remove the ***Memory Card Guide*** (517)
	(4)	Two ***Screws*** (19)
3	(5)	Remove the ***Transmission Unit***

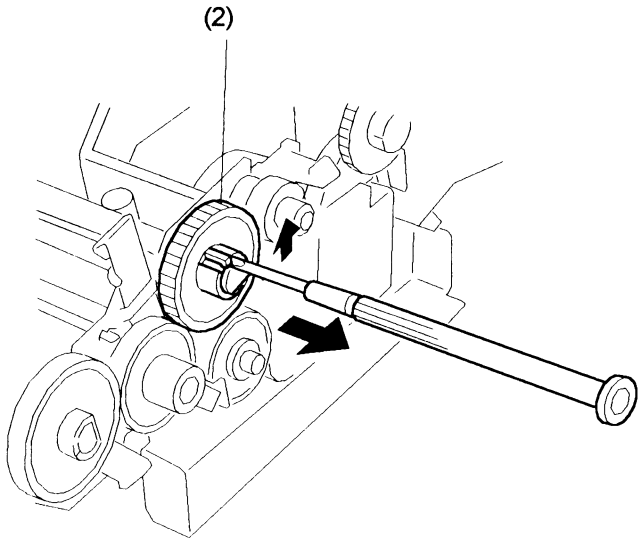


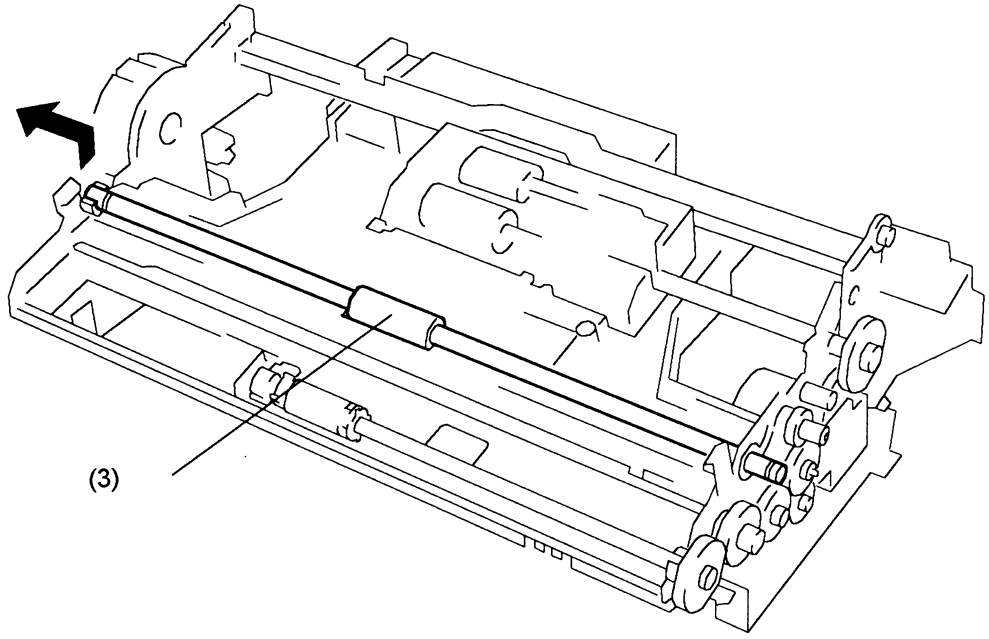

(5)

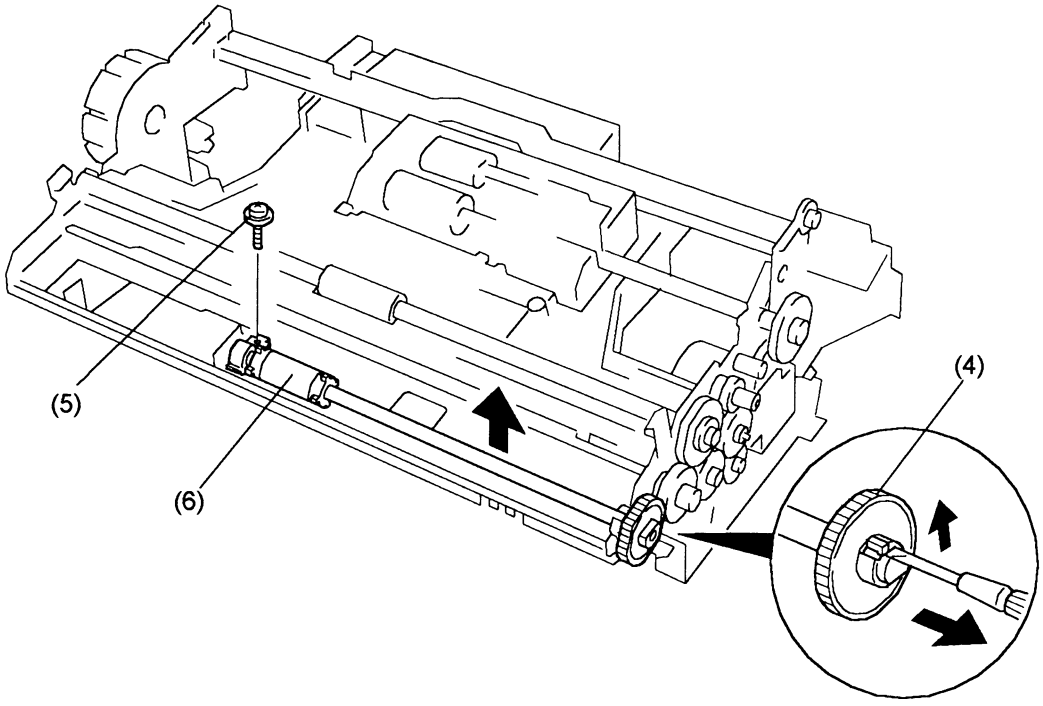
2.12 Feed Roller (429), Eject Roller (432)

Step	Figure	Disassembly Procedure
1		Remove Transmission Unit (See Chap. 2.11)
2	(1)	Remove the ***Gear Cover*** (418)
	(2)	Remove the ***Feed Roller Gear*** (414)
	(3)	Remove the ***Feed Roller*** (429)
3	(4)	Remove the ***Eject Roller Gear*** (409)
	(5)	One ***Screw*** (19)
	(6)	Remove the ***Eject Roller*** (432)



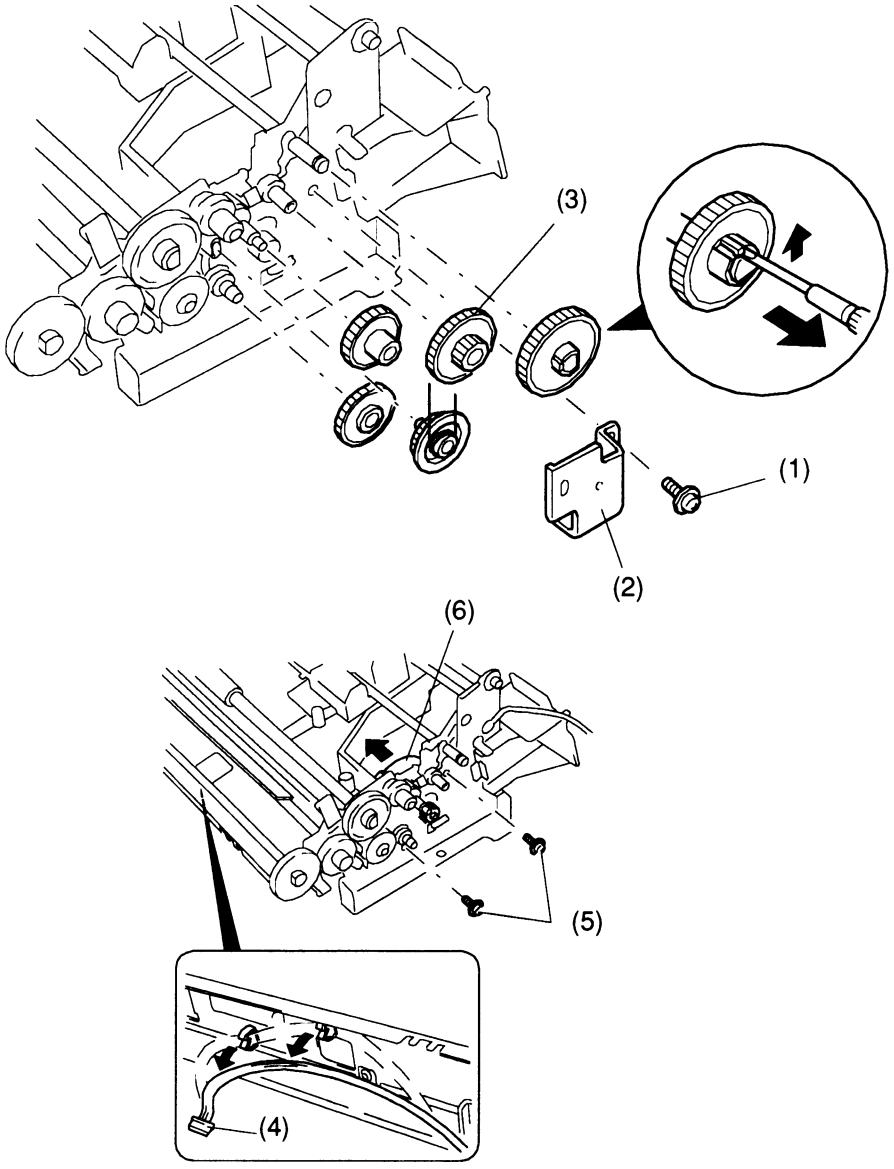



(3)


(5)
(6)
(4)

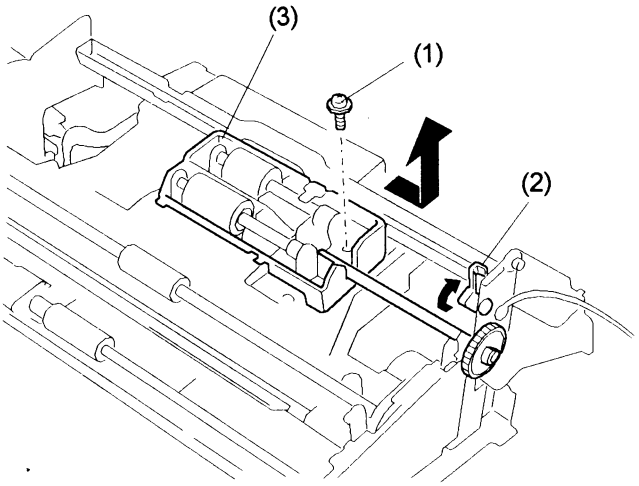
2.13 Tx Motor (428)

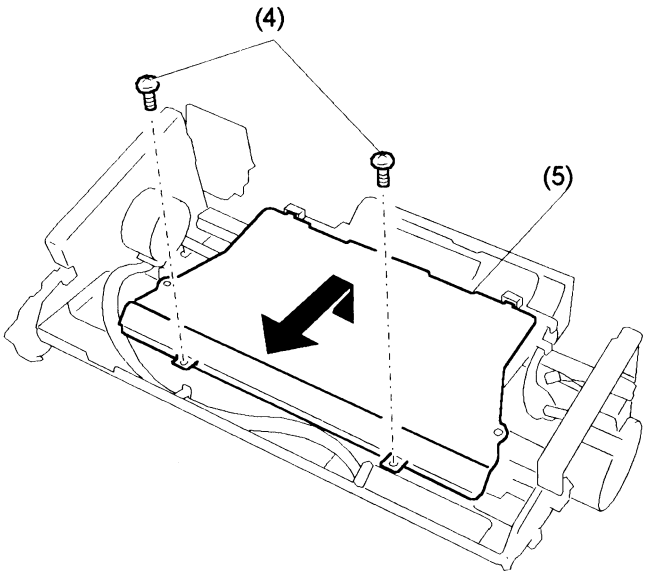
Step	Figure	Disassembly Procedure
1		Remove Transmission Unit (See Chap. 2.11)
2		Remove Gear Cover (See Chap. 2.12)
3	(1)	One ***Screw*** (19)
	(2)	Remove the ***Metal Gear Cover*** (408)
	(3)	Remove the Five Gears (409, 410, 411, 412, 413)
4	(4)	Disconnect One Connector (CN9)
	(5)	Two ***Screws*** (19)
	(6)	Remove the ***Tx Motor*** (428)

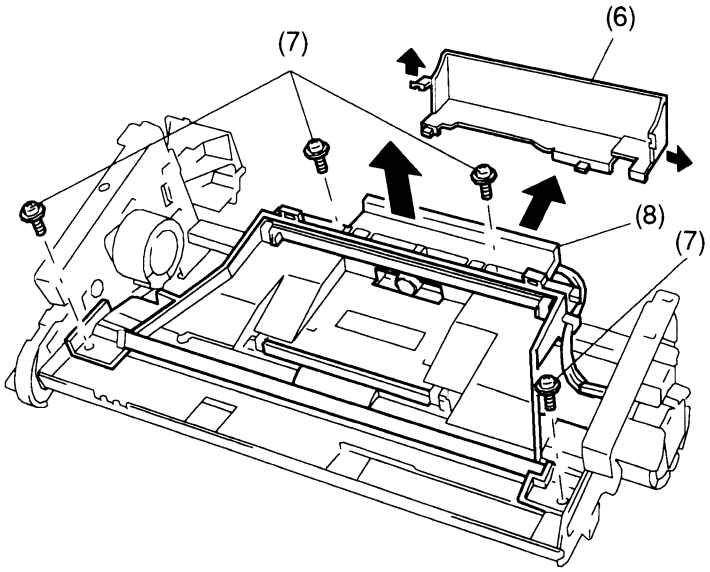


2.14 Scanner Ass'y (401)

Step	Figure	Disassembly Procedure
1		Remove Transmission Guide (Lower) (See Chap .2.8)
2		Remove Transmission Unit (See Chap.2.11))
3	(1)	One ***Screw*** (19)
	(2)	Remove the ***Shaft Stopper***
	(3)	Remove the ***ADF Gear Shaft*** (420) and ***Roller Box*** (436)
4		Place Transmission Unit up-Side down
	(4)	Two ***Screws*** (19)
	(5)	Remove the ***Scanner Cover*** (407)
5	(6)	Remove the ***CCD PCB Cover*** (402)
	(7)	Four ***Screws*** (19)
	(8)	Remove the ***Scanner Ass'y*** (401)

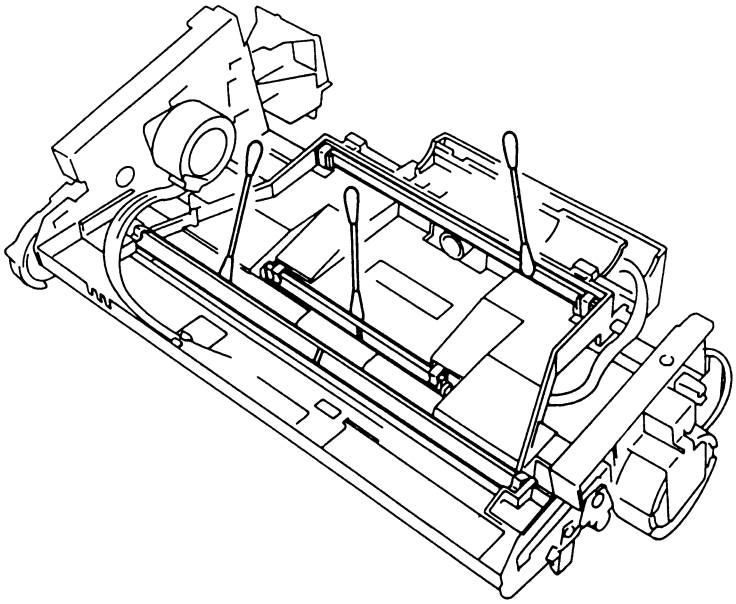






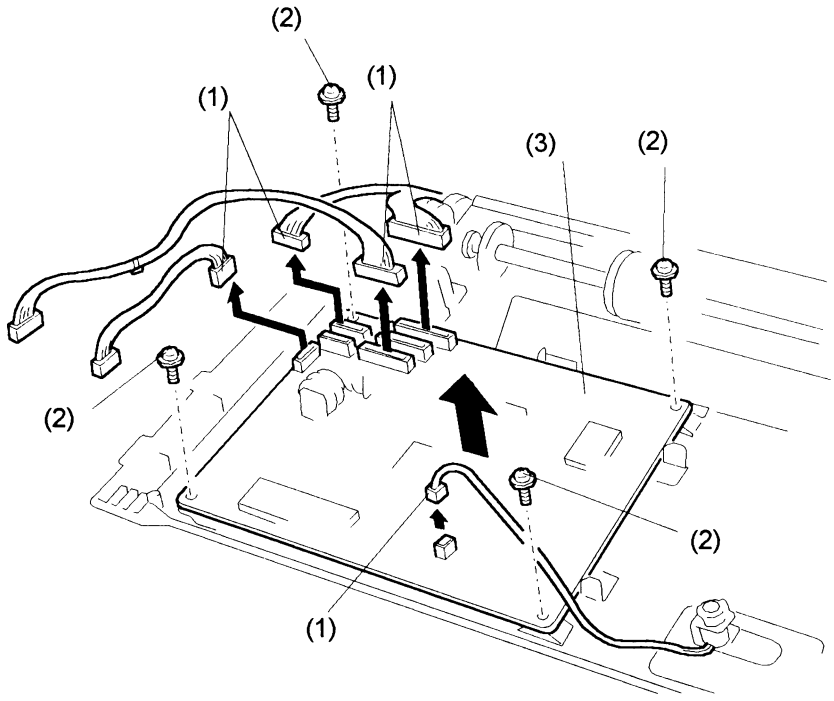
Cleaning Mirrors

Clean with a cotton swab as shown below.



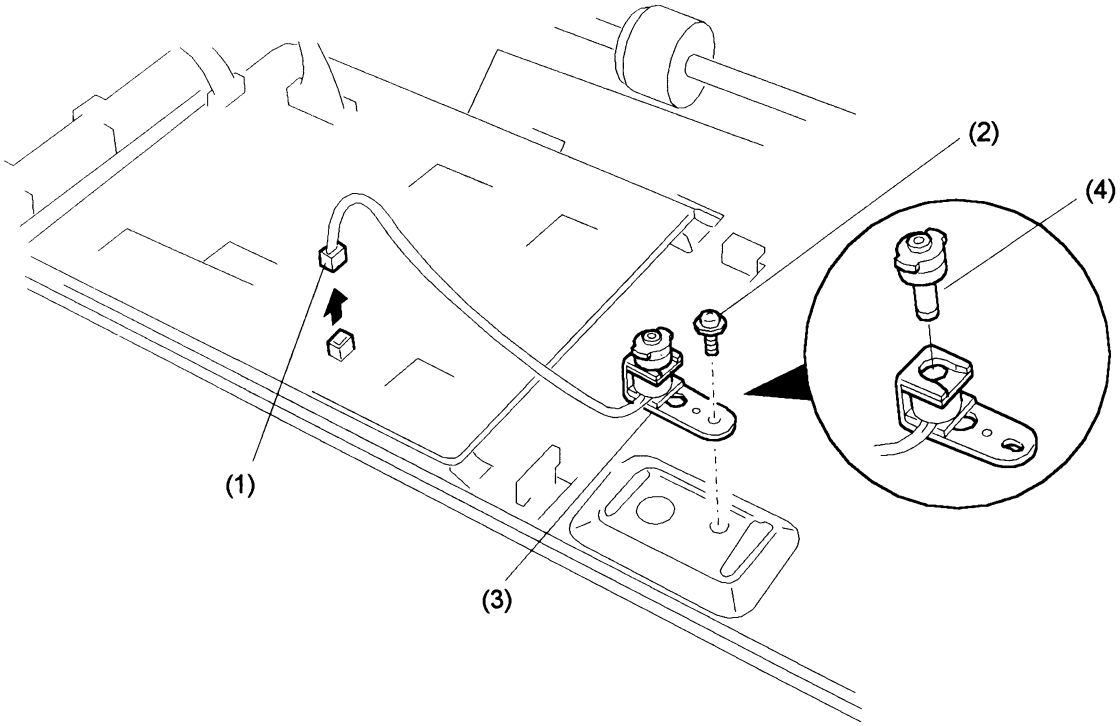
2.15 FCB PCB (516)

Step	Figure	Disassembly Procedure
1		Remove Transmission Unit (See Chap. 2.11)
2	(1)	Disconnect Five Connectors (CNP5, 2, 6, 1 and 10)
	(2)	Four ***Screws*** (19)
	(3)	Remove the ***FCB PCB*** (516)



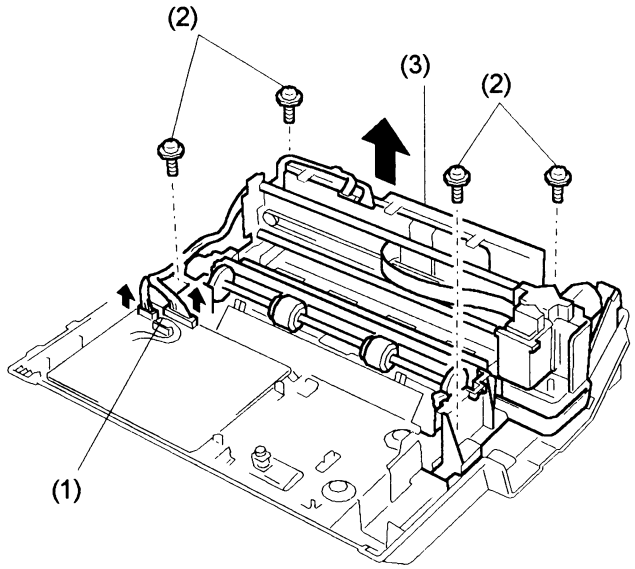
2.16 Stamp Ass'y, Stamp

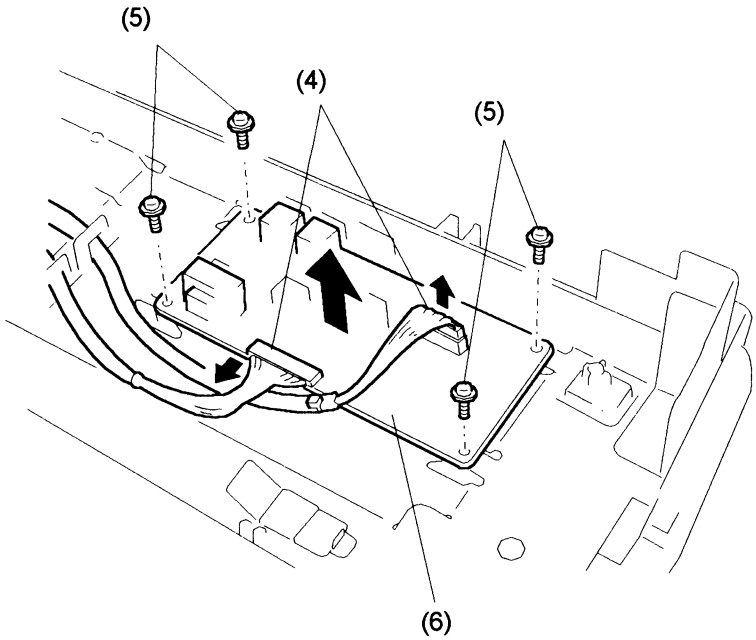
Step	Figure	Disassembly Procedure
1		Remove Transmission Unit (See Chap. 2.11)
2	(1)	Disconnect One Connector (CN9)
	(2)	One ***Screw*** (19)
	(3)	Remove the ***Stamp Ass'y***
	(4)	Remove the ***Stamp***



2.17 GPM Unit, LCU PCB (510)

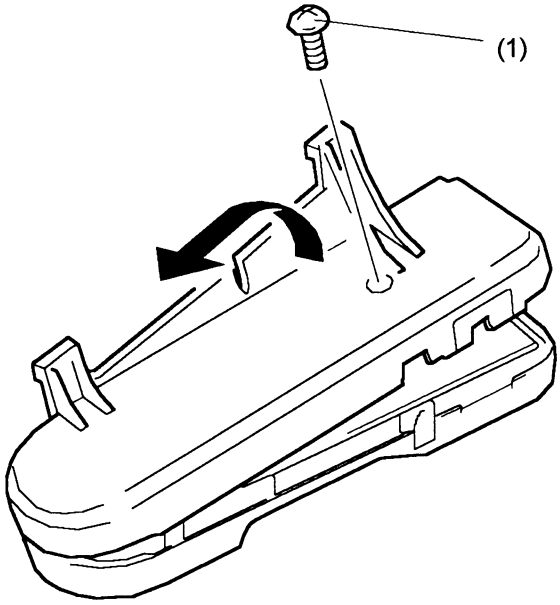
Step	Figure	Disassembly Procedure
1		Remove Transmission Unit (See Chap. 2.11)
2	(1)	Disconnect Two Connectors (CN2, 6)
	(2)	Four ***Screws*** (19)
	(3)	Remove the GPM Unit
3	(4)	Disconnect Two Connectors (CN22, 25)
	(5)	Four ***Screws*** (19)
	(6)	Remove the ***LCU PCB*** (510)

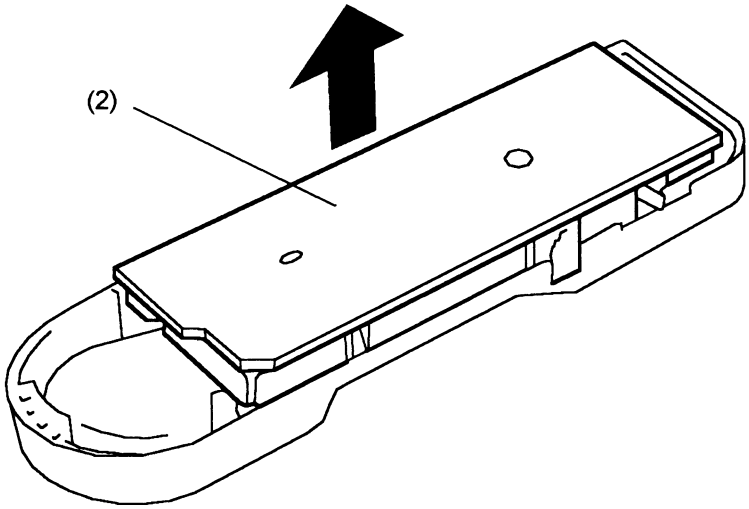




2.18 SRU PCB (120)

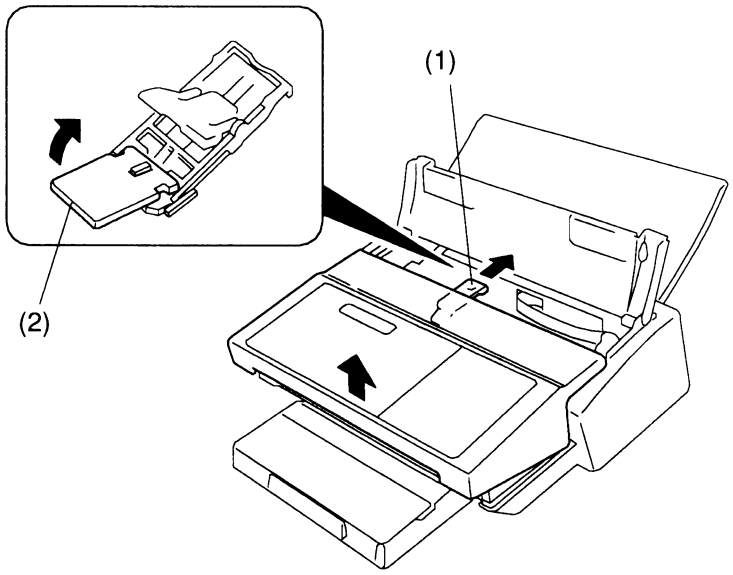
Step	Figure	Disassembly Procedure
1		Remove Handset and Handset Cradle (See Chap. 2.3)
2	(1)	One ***Screw*** (2D)
3		Open the ***Handset Cradle***
4	(2)	Remove the ***SRU PCB*** (120)



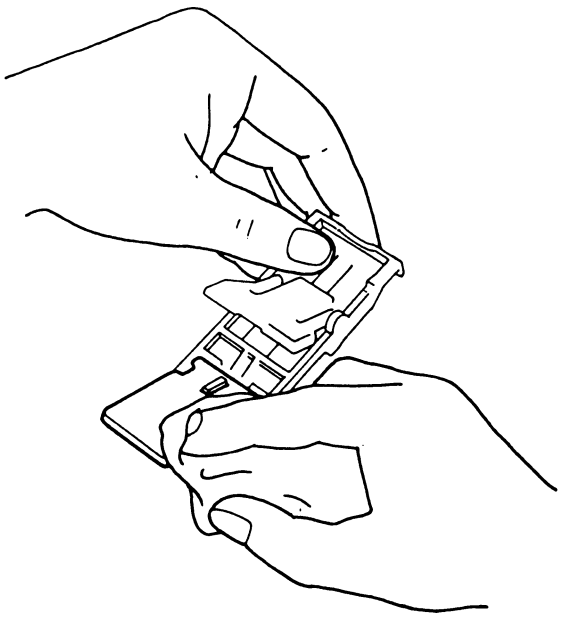


2.19 ADF Separator Rubber (316)

Step	Figure	Disassembly Procedure
1		Open Document Guide
2		Open Panel Cover
3	(1)	Remove the ***Separator Rubber Ass'y***
4	(2)	Remove the ***Separator Rubber*** (316)

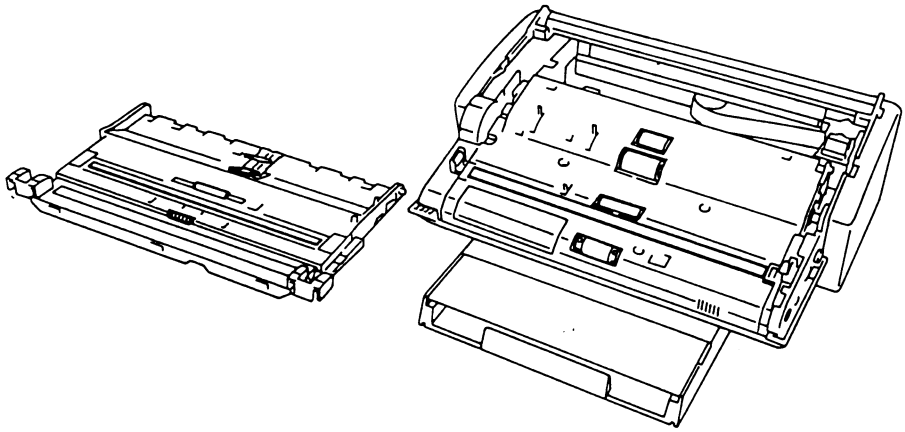


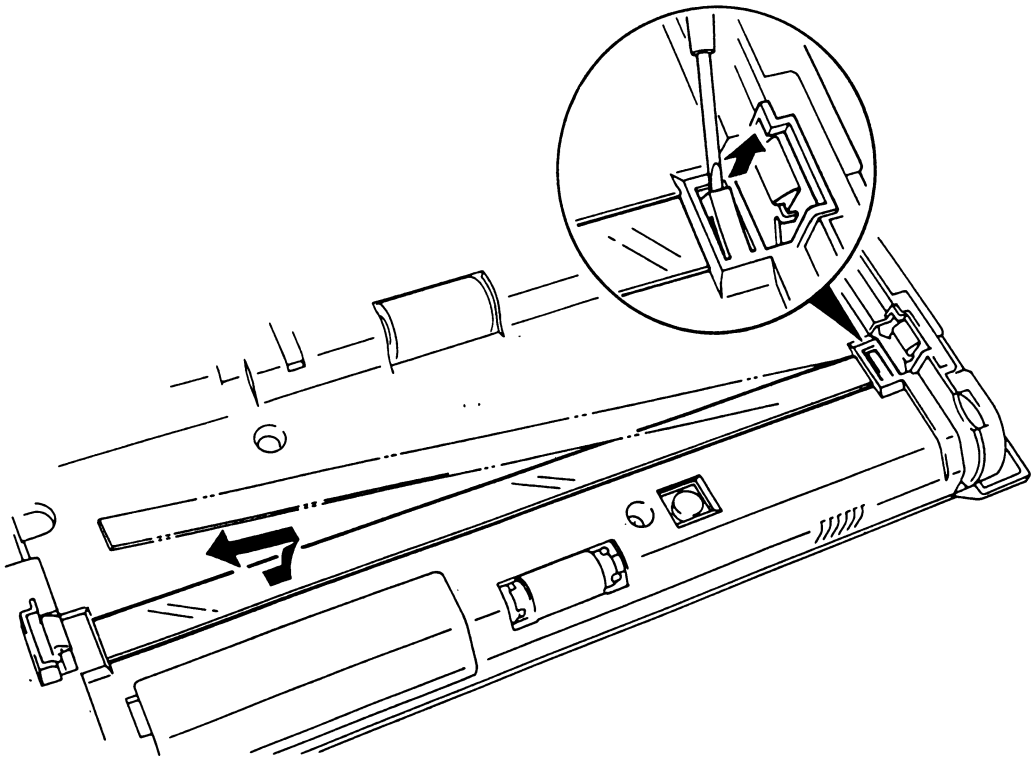
Cleaning : 1. Remove the separator Rubber Ass'y.
2. Clean with a soft cloth soaked with ethyl alcohol.



2.20 Cleaning Scanning Glass (448) and Rollers

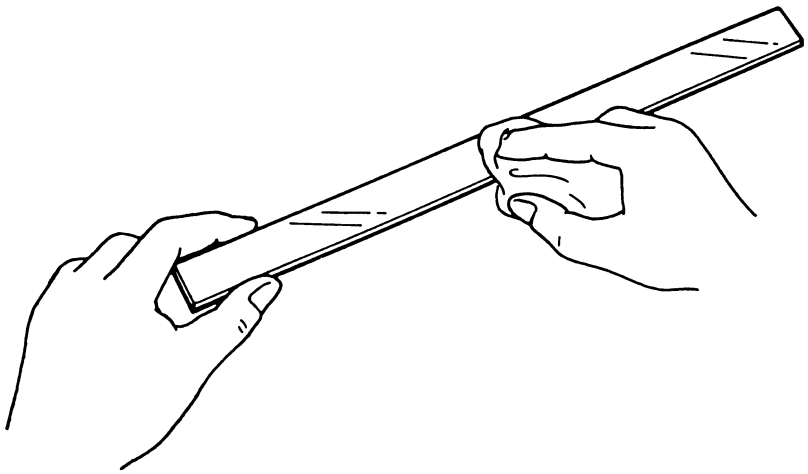
Step	Disassembly Procedure
1	Remove the Panel Cover (See Chap.2.5), Rear Cover, Left and Right Side Cover (See Chap.2.6)
2	Remove the Document Guide (Upper) (See Chap.2.8)
3	Remove the ***Scanning Glass*** (448)





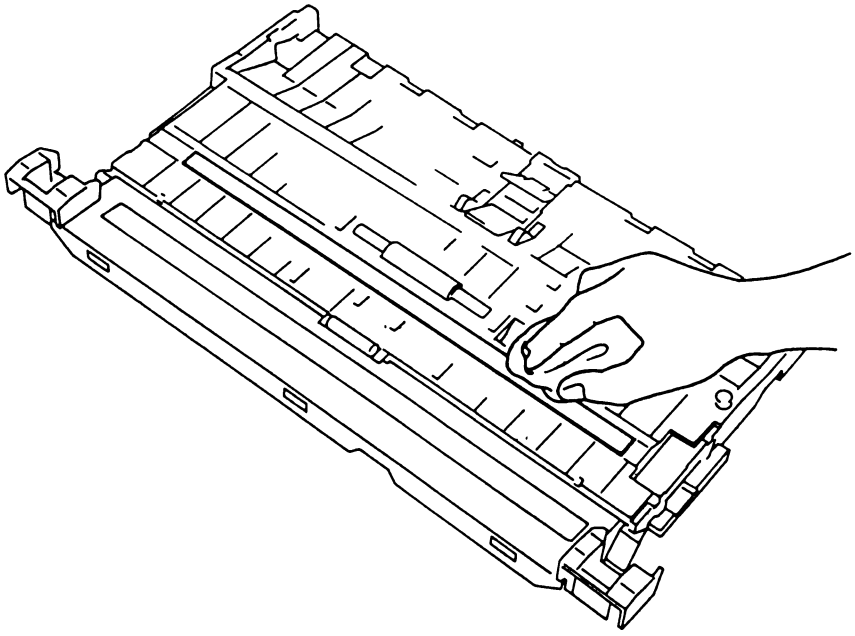
Cleaning scanning Glass

Clean with a soft cloth soaked with ethyl alcohol.



Cleaning white plate of Document Guide (Upper)

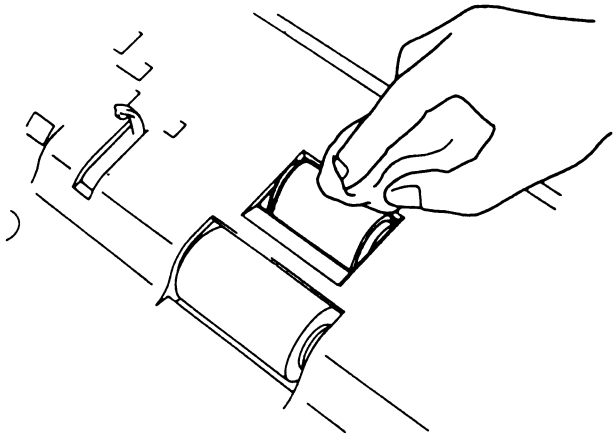
Clean with soft cloth soaked with ethyl alcohol.



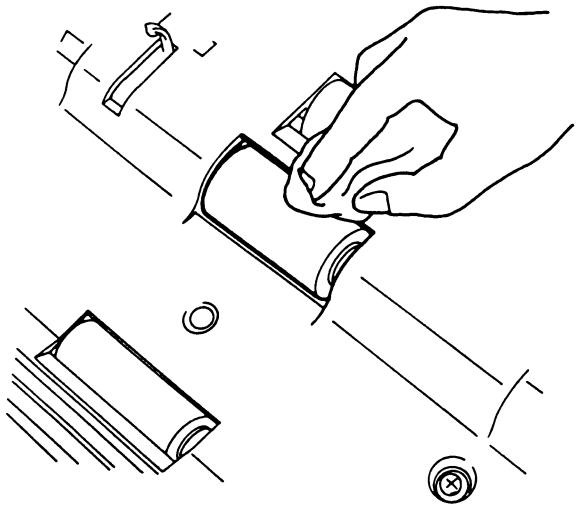
Cleaning Rollers (Pre-Feed, Feed 1, Feed 2 and Ejection Roller)

Clean with soft cloth soaked with ethyl alcohol.

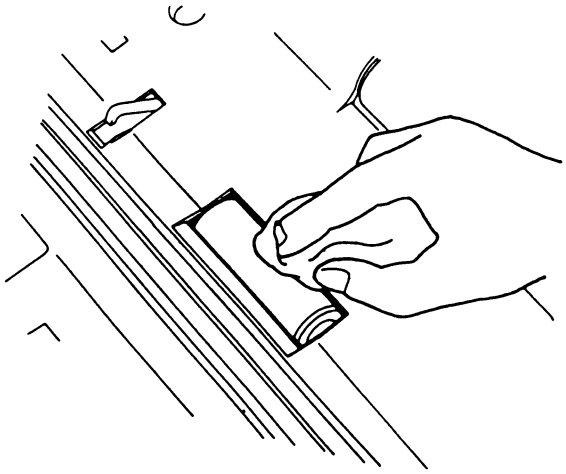
1) Pre-Feed Roller



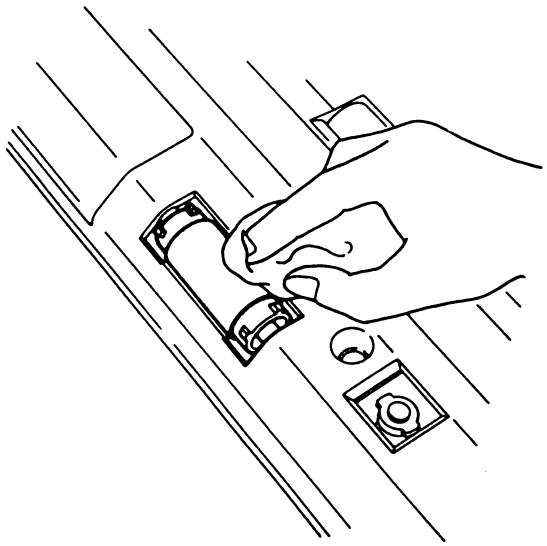
2) Feed Roller1



3) Feed Roller 2



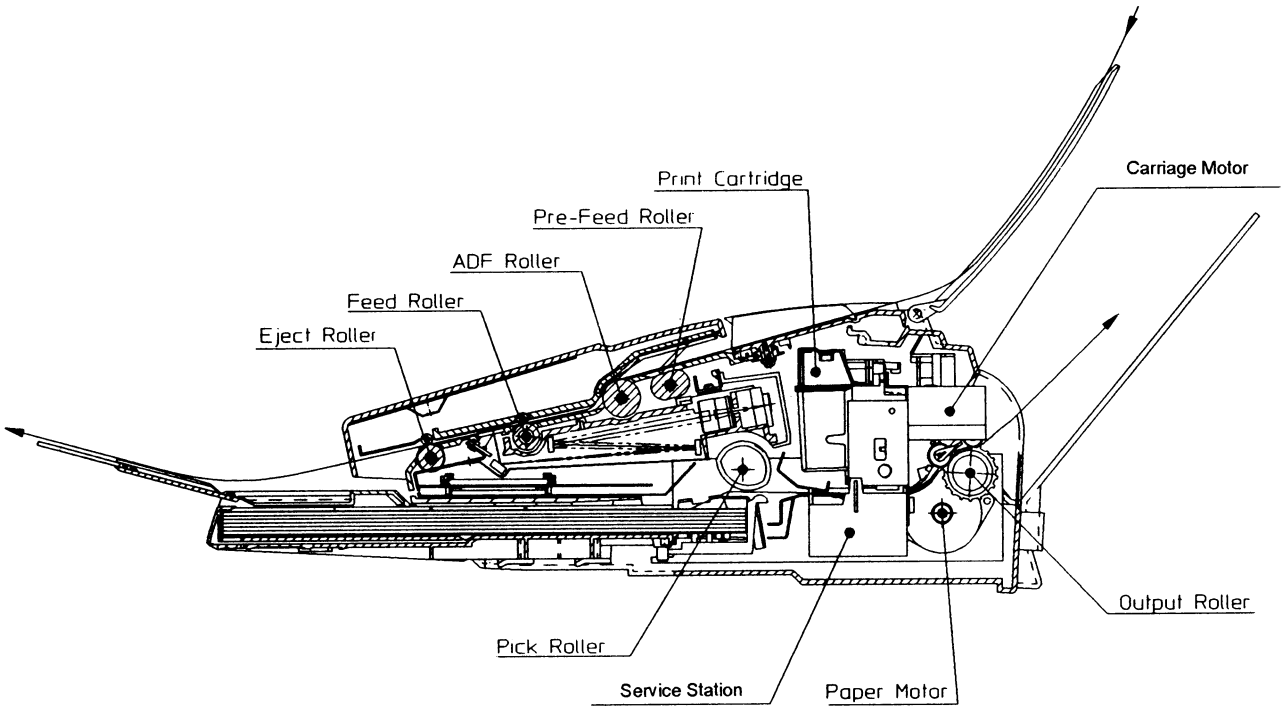
4) Ejection Roller



3.1 Necessary Tool List

No.	Tool	No.	Tool
1	Soft Cloth	6	Pliers
2	Ethyl Alcohol	7	Cotton Swab
3	Phillips Screwdrivers (#2)	8	Brush
4	Blade-tip Screwdrivers (3/32")	9	Torx Screwdriver (T8 and T10)
5	Tweezers		

3.2 Periodic Maintenance Points



3.3 Periodic Maintenance Check List

The chart outlined below is a general guideline for maintenance. The example list is for an average usage of 50 transmitted and received documents per day. Needless to say, the environmental conditions and actual use will vary these factors.

Transmitting mechanism parts	Cleaning		Replacement/Adjustment	
	Cycle	**Method**	**Cycle**	**Method**
1. ADF Roller	3 months	See p.2-11	1-3 years (10,000 documents)	See p.2-11
2. Separator Rubber	3 months	See p.2-24	1-3 years (10,000 documents)	See p.2-24
3. Pre-Feed Roller	3 months	See p.2-11	3-5 years (30,000 documents)	See p.2-11
4. Mirrors	3 months	See p.2-18	-	
5. Verification Stamp	3 months	See p.2-21	5,000 documents	See p.2-21
6. Stamp Solenoid			5 years	See p.2-16
7. Feed Roller	3 months	See p.2-15	3-5 years (30,000 documents)	See p.2-15
8. TX Motor	-	-	5 years	See p.2-17
9. Scanning Area	3 months	See p.2-18	-	
10. Eject Roller	3 months	See p.2-15	3-5 years (10,000 documents)	See p.2-15
11. Ink Cartridge	-	See p.9-5	1100 pages (A4, 3%)	See p.9-5
12. Cap / Wiper Ass'y	3 months	-	3-5 years	See p.4-5 (GPM manual)
13 Out-put Roller	3 months	-	3-5 years (30,000 documents)	See p.4-13 (GPM Manual)
14 Pick Roller	3 months	-	3-5 years (30,000 documents)	See p.4-11 (GPM Manual)

3.4 Program (ROM)

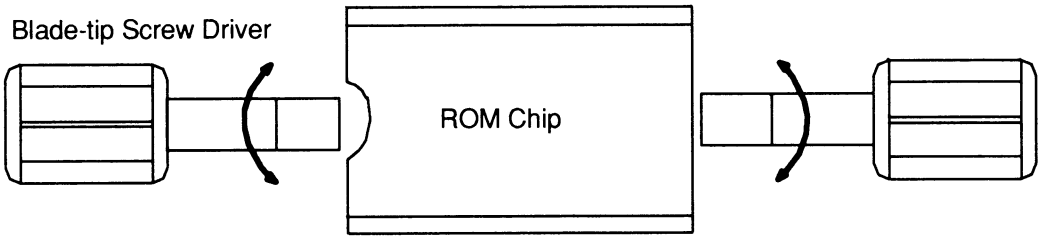
3.4.1 Replacement Procedure

(ROM is mounted on FCB PC Board.)

(1) Disconnect Power Cord.

(2) Remove the ROM Cover.

(3) Remove ROM with blade-tip screw driver or equivalent tool.

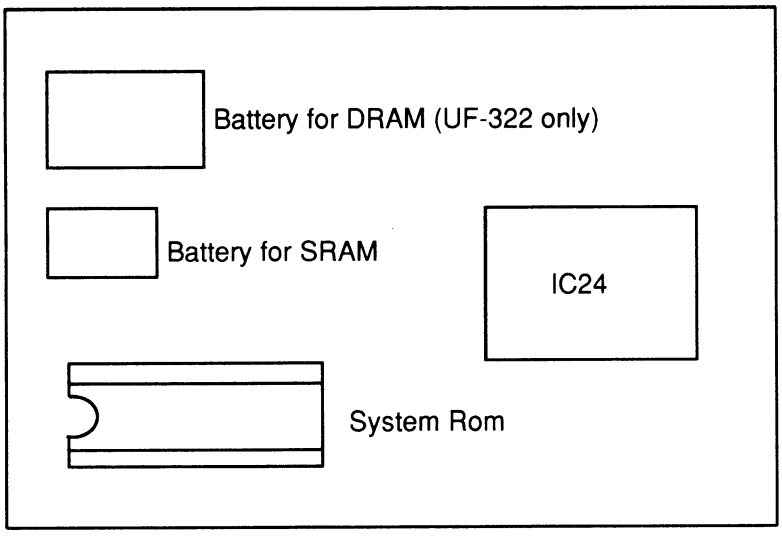


(4) Insert new ROM.

(5) Reassemble machine.

(6) Perform Test Mode No. 6-Parameter Initialize.

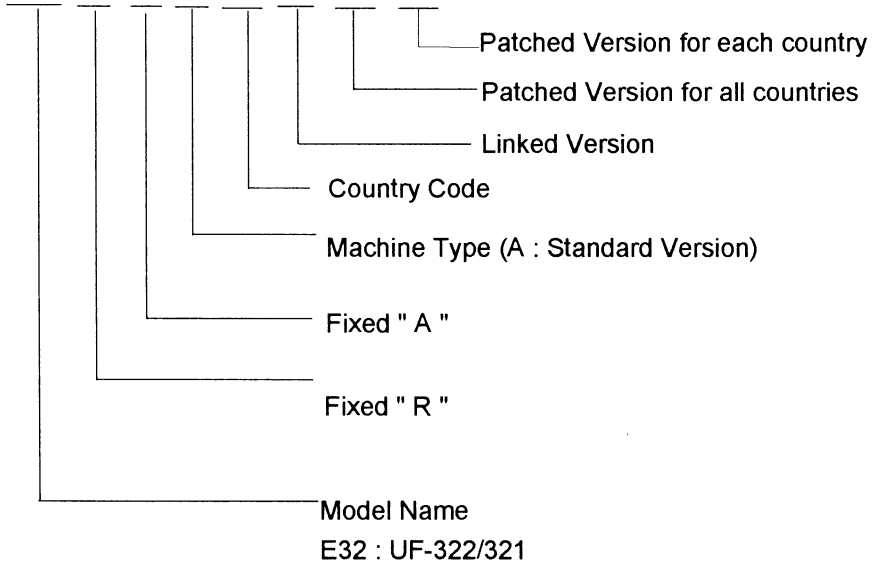
3.4.2 ROM Location



3.4.3 ROM Label

ù Software for System Control

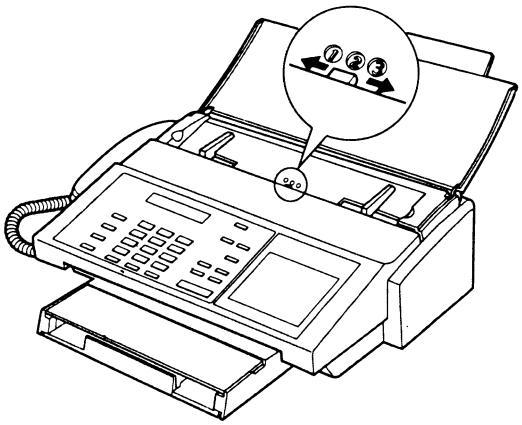
E32 R A A XX X XX XX



Note : Patched Version will increment , whenever the software is modified.
When the linked Version incremented, the patched Version will be reset to " 00 ".

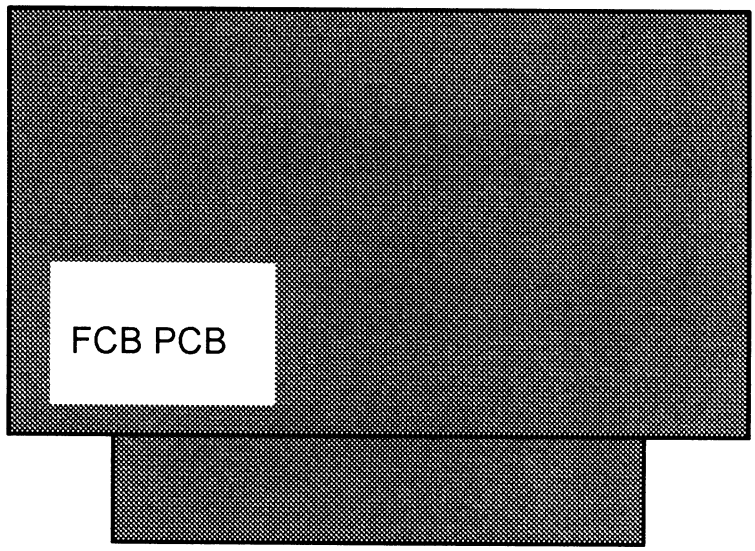
3.5 ADF Pressure

- When documents multi-feed, move the pressure Adjusting Lever to the 3 (H) position.
- When documents do not feed properly, move the Pressure Adjusting Lever to the 1 (L) position.

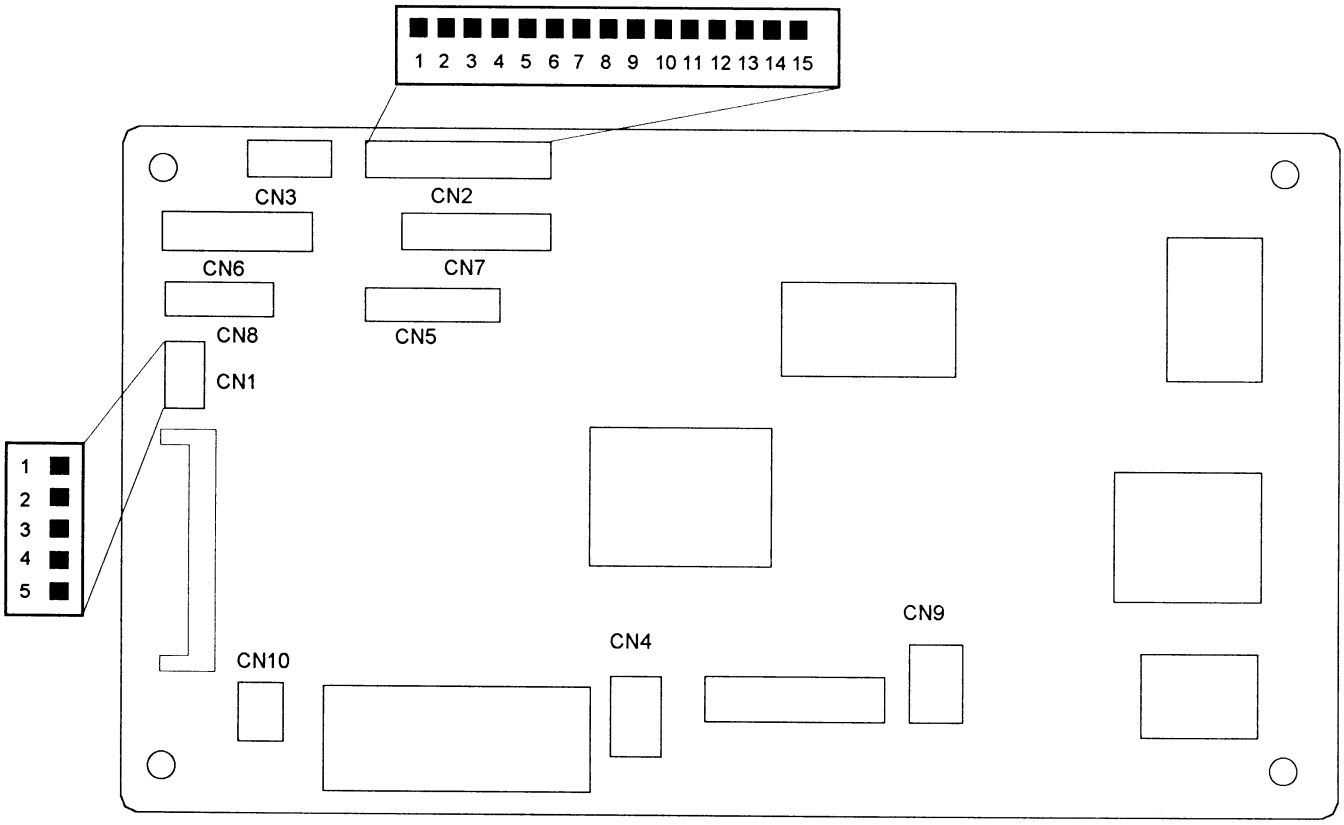


Position	Pressure of separator	Situation
1(L)	LOW	Document misfeeds
2(M)	MIDDLE	Normal position (Factory set position)
3(H)	HIGH	Document multi-feeds

3.6 FCB PCB (CN1, CN2)



Top View



3.6 FCB PCB

CN1

Pin No.	Signal Name	Description	ON	OFF	Function
1	+24	Power Supply Unit CN02	+24V		DC+24V Power Supply
2	DG	Power Supply Unit CN02	0V		GROUND
3	GND	Power Supply Unit CN02	0V		GROUND
4	+5V	Power Supply Unit CN02	+5V		DC+5V Power Supply
5	-12V	Power Supply Unit CN02	-12V		DC-12V Power Supply

CN2 (1/2)

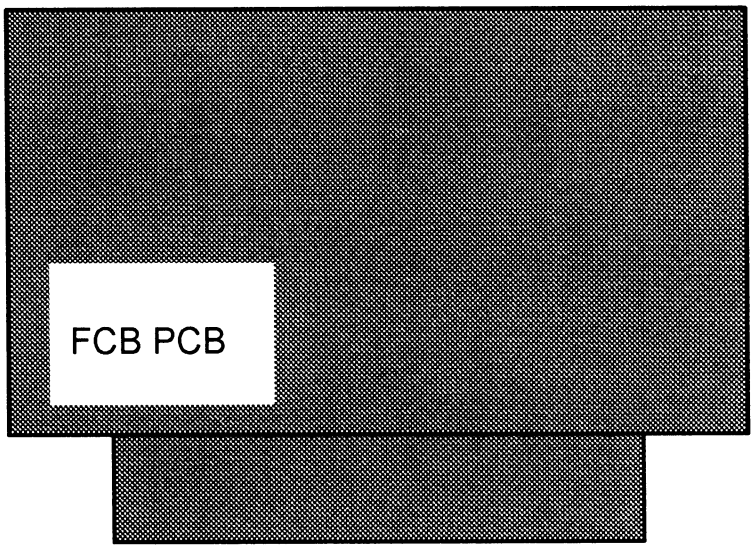
Pin No.	Signal Name	Description	ON	OFF	Function
1	GND	LCU PCB CN25	0V		GROUND
2	+5V	LCU PCB CN25	+5V		DC+5V Power Supply
3	DG	LCU PCB CN25	0V		GROUND
4	+24V	LCU PCB CN25	+24V		DC+24V Power Supply
5	pCMLD	LCU PCB CN25	+5V (H) Off Line / 0V (L) On Line		"CML" Relay Drive Signal
6	pPLSD	LCU PCB CN25	+5V (H) Make / 0V (L) Break		"Pulse" Relay Drive Signal

FCB PCB

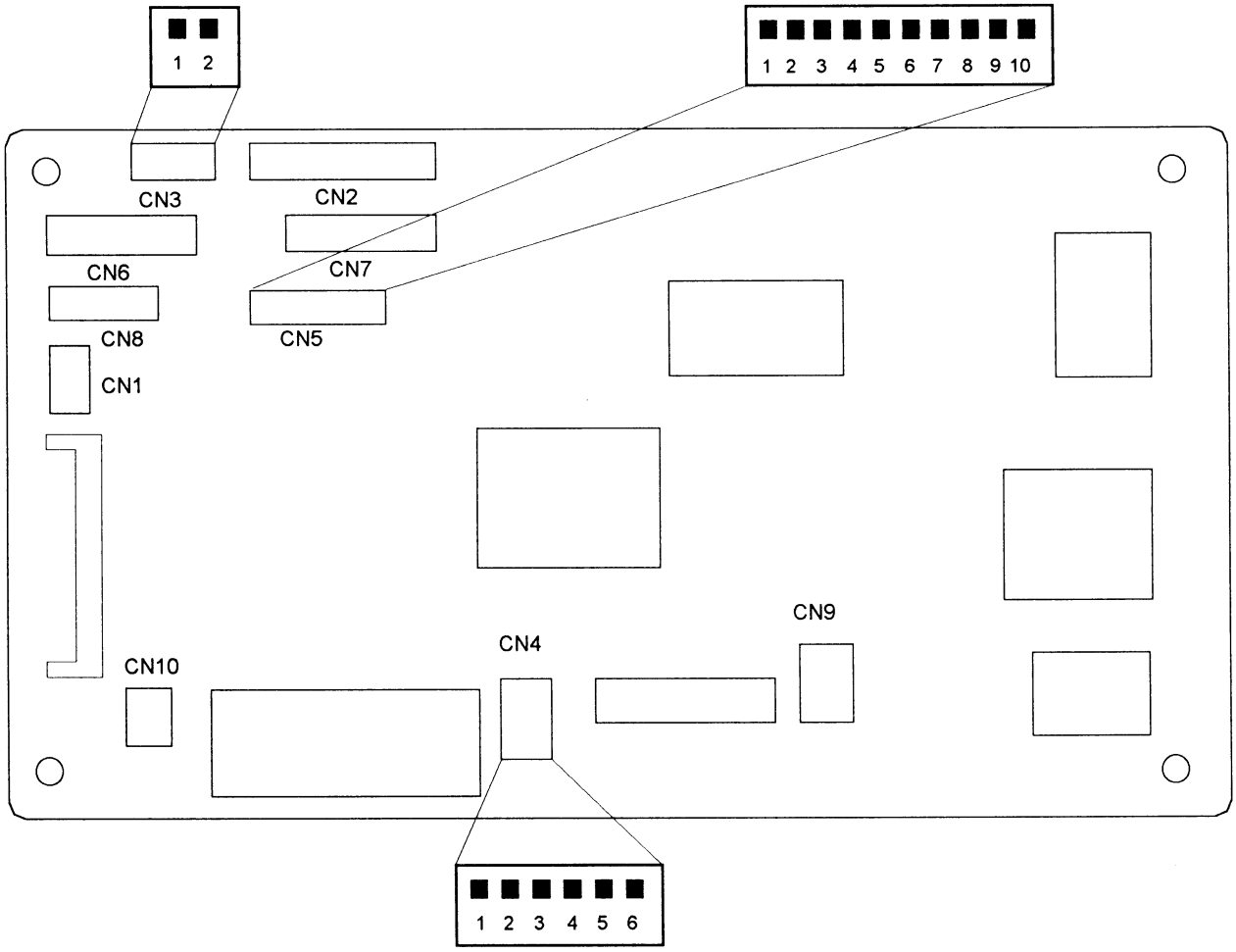
CN2 (2/2)

Pin No.	Signal Name	Description	ON	OFF	Function
7	RMCK	LCE PCB CN25	+5V (H) / 0V (L)		Data Shift Clock
8	RMCS	LCE PCB CN25	+5V (H) / 0V (L)		Parallel / Serial Control Signal
9	RMDT	LCE PCB CN25	+5V (H) / 0V (L)		LCE Board Status Signal
10	nCTON	LCU PCB CN25	Incoming Call / +5V (H) / 0V (L)		Calling(Incoming Call) Tone Detect Signal
11	HYBSR	LCU PCB CN25	0V		Hybrid Signal of Send/Receive Analog Data
12	AGND	LCU PCB CN25	0V		GROUND
13	HYSIG	LCU PCB CN25			Analog Signal Detect Port
14	-TCKD	LCU PCB CN25	+5V (H) Off Line / 0V (L) On Line		"TCK" Relay Drive Signal for Europe Type
15	-EAKD	LCU PCB CN25	+5V (H) Off Line / 0V (L) On Line		"Earth Key" Drive Signal For Europe Type

FCB PCB (CN3, CN4 and CN5)



Top View

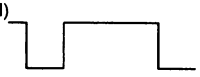
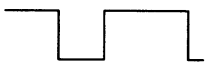
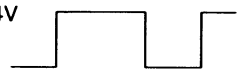


FCB PCB

CN3

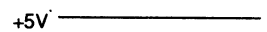
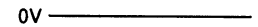
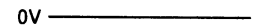
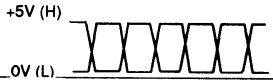
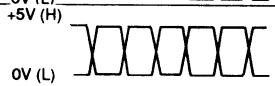
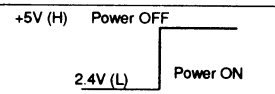
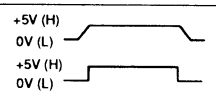
Pin No.	Signal Name	Description	ON	OFF	Function
1	-SPKOT	Speaker	0V		Line Monitor, Key Tone Signal
2	GND	Speaker	0V		GROUND

CN4

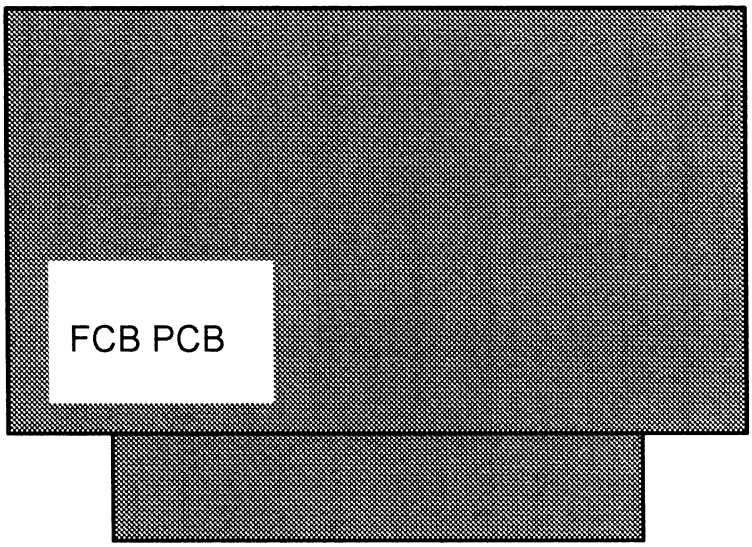
Pin No.	Signal Name	Description	ON	OFF	Function
1	+24V	Stepping Motor CN	+24		DC+24V Power Supply
2	+24V	Stepping Motor CN	+24		DC+24V Power Supply
3	A	Stepping Motor CN	+24V (H) 0V (L) 		A Phase Signal
4	B	Stepping Motor CN	+24V 0V 		B Phase Signal
5	*A	Stepping Motor CN	+24V 0V		A Phase Signal
6	*B	Stepping Motor CN	+24V 0V 		B Phase Signal

FCB PCB

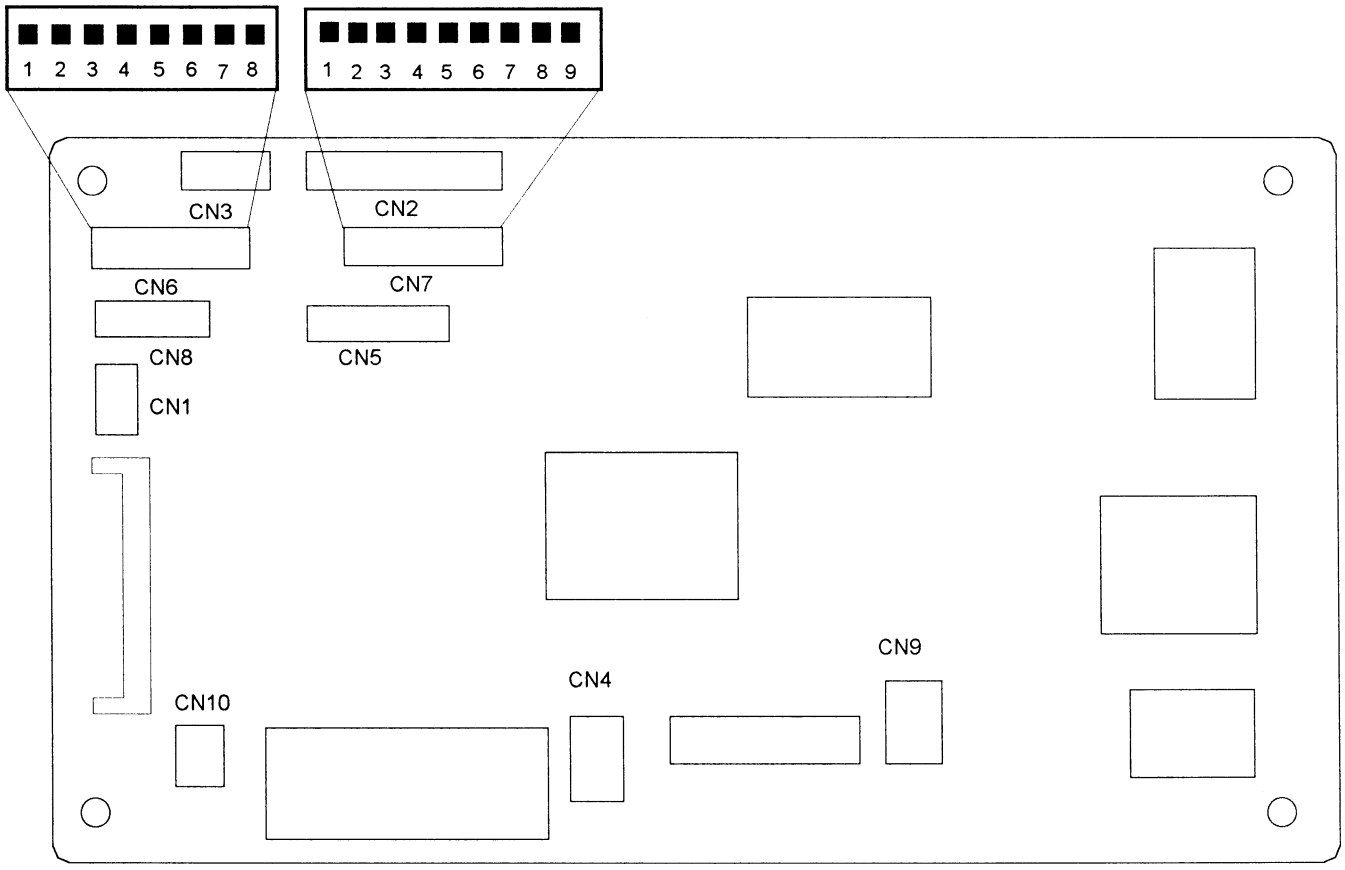
CN5

Pin No.	Signal Name	Description	ON	OFF	Function
1	BAT	LCD PCB CN41	+5V 		DC+5V Battery Power Supply
2	+5V	LCD PCB CN41	+5V		DC+5V Power Supply
3	GND	LCD PCB CN41	0V 		GROUND
4	GND	LCD PCB CN41	0V 		GROUND
5	-PNLCK	LCD PCB CN41	+5V (H) 0V (L)		Panel Interface Data Clock (7.2KHz~31KHz)
6	pPNLRD	LCD PCB CN41	+5V (H) 0V (L) 		Panel Interface Receive Data
7	pPNLSD	LCD PCB CN41	+5V (H) 0V (L) 		Panel interface Send Data
8	pPNLRST	LCD PCB CN41	+5V (H) Power OFF 2.4V (L) Power ON 		Panel CPU Reset Signal
9	nPNDWN	LCD PCB CN41	+5V (H) 0V (L) +5V (H) 0V (L) 		Panel Power Down Signal
10	PNLBUZ	LCD PCB CN41			Not Used

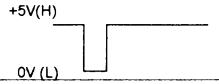
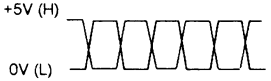
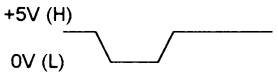
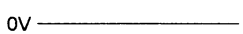
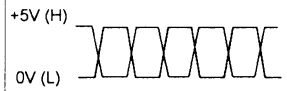
FCB PCB (CN6, CN7)



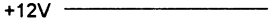
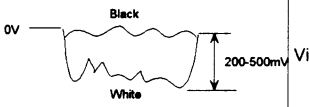
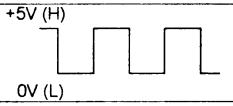
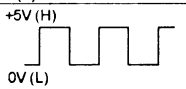
Top View



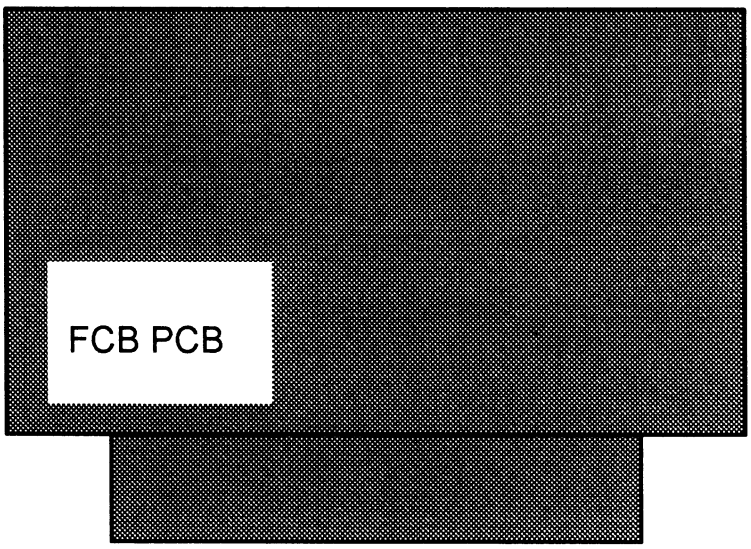
FCB PCB
CN6

Pin No.	Signal Name	Description	ON	OFF	Function
1	*GRST	GPM PCB CN			GPM3 Reset Signal
2	STAT	GPM PCB CN			Status Response Signal
3	COM	GPM PCB CN			Command Signal
4	BUSY	GPM PCB CN			Busy Signal
5	GND	GPM PCB CN			GROUND
6	DCLK	GPM PCB CN			Synchronous Data Clock Signal (2MHz)
7	GND	GPM PCB CN			GROUND
8	Di	GPM PCB CN			Synchronous Data iNPUT

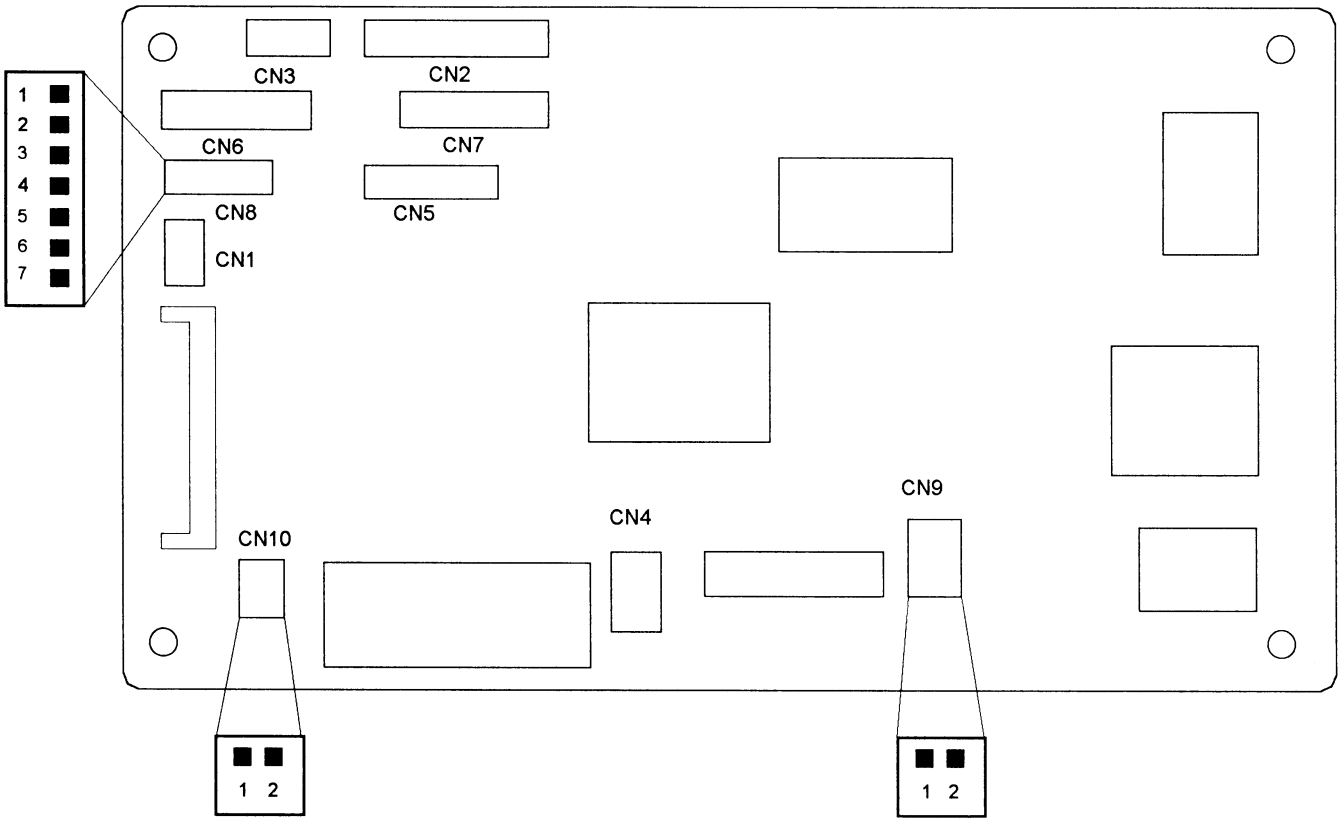
FCB PCB
CN7

Pin No.	Signal Name	Description	ON	OFF	Function
1	-SHB	CCD PCB CN51			Sample Hold Clock (500KHz)
2	FSG	CCD PCB CN51			Frame Synchronous Signal
3	AGND	CCD PCB CN51			GROUND
4	+12V	CCD PCB CN51			DC+12V Power Supply
5	*VIDEO	CCD PCB CN51			Video Signal
6	DGND	CCD PCB CN51			GROUND
7	FCK2	CCD PCB CN51			Shift Register Clock2
8	FCK1	CCD PCB CN51			Shift Register Clock1
9	FR	CCD PCB CN51			Register Data Reset Clock (500KHz)

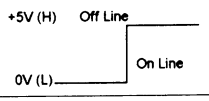
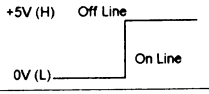
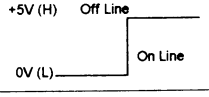
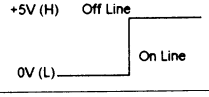
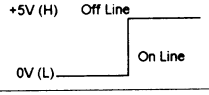
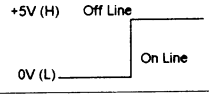
FCB PCB (CN8, CN9, CN10)



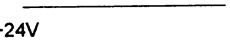
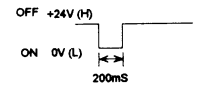
Top View



FCB PCB
CN8

Pin No.	Signal Name	Description	ON	OFF	Function
1	-SDOOR	SEN PCB CN31			Scanner Door Open Detect Signal
2	-B4	SEN PCB CN31			B4 Width Detect Signal (UF-322 only)
3	-RDOOR	SEN PCB CN31			Recording Block Door Open Detect Signal
4	-APNT	SEN PCB CN31			A Point(Document Set) Detect Signal
5	-BPNT	SEN PCB CN31			B Point(Scanning point) Detect Signal
6	*SNCMN	SEN PCB CN31			Sensor Common Power Supply
7	GND	SEN PCB CN31			GROUND

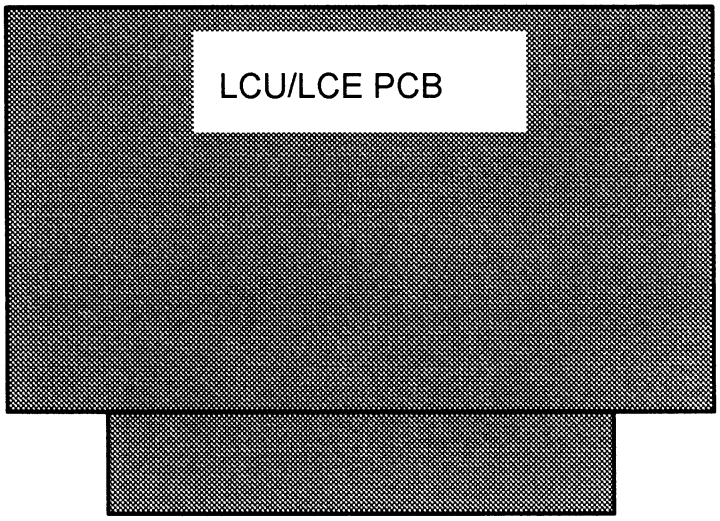
CN9

Pin No.	Signal Name	Description	ON	OFF	Function
1	+24V	Stamp Solenoid			DC+24V Power Supply
2	*STAMP	Stamp Solenoid			Stamp Drive Signal

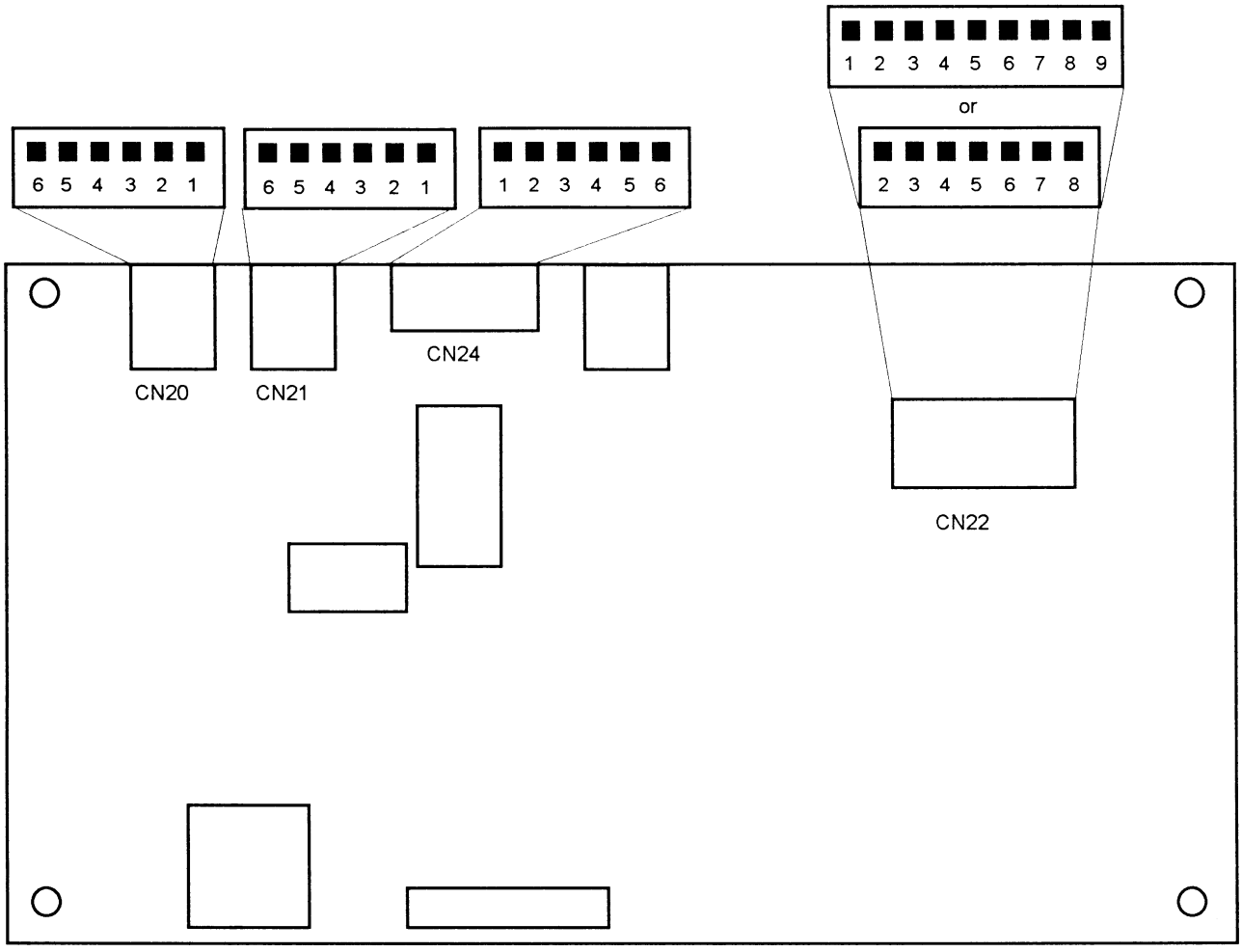
FCB PCB
CN10

Pin No.	Signal Name	Description	ON	OFF	Function
1	+24V	LED Array Ass'y			DC+24V Power Supply
2	*LED	LED Array Ass'y			LED Array Drive Signal

3.7 LCU / LCE PCB



Top View



3.7.1 LCU PCB (For version YC, YY and YT)

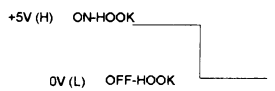
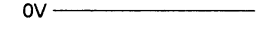
CN20

Pin No.	Signal Name	Description	ON	OFF	Function
1	L1	Telephone Line			Line Signal
2	L2	Telephone Line			Line Signal

CN21

Pin No.	Signal Name	Description	ON	OFF	Function
1	T1	Telephone			External Telephone Signal
2	T2	Telephone			External Telephone Signal

CN22

Pin No.	Signal Name	Description	ON	OFF	Function
2	SHUNT	SRU PCB CN90			Not Used
3	HLIN1	SRU PCB CN90			Handset Telephone Line 1
4	HLIN2	SRU PCB CN90			Handset Telephone Line 2
5		SRU PCB CN90			Not Used
6	AIS	SRU PCB CN90			Handset Hook OFF Detect Siganl
7	AI	SRU PCB CN90			GROUND
8	FG1	SRU PCB CN90			GROUND

3.7.2 LCE PCB

CN20

Signal Name	Description	Function
T1	External Telephone Line	External Telephone Signal
T2	External Telephone Line	External Telephone Signal
L1	Telephone Line	Line Signal
L1	Telephone Line	Line Signal
E	Earth Key	Earth Key Signal
S	Shunt	Shunt Signal

Pin No.	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AS	AT	YW	AV	AW	YX	EE	YB	YM
1	T1			T1	T1	T1	T1	T1		E	T1	T1	T1		T1	T1		T1	T1		T1	T1
2	E	L1	T1					L1	T1	T1				T1			T1	L1		T1		
3	L1		L1	L1	L1	L1	L1		L1	L1	L1	L1	L1	L1	L1	L1	L1		L1	L1	L1	L1
4	L2	S	L2	L2	L2	L2	L2	S	L2	L2	L2	L2	L2	L2	L2	L2	L2	S	L2	L2	L2	L2
5		L2	T2					L2	T2	T2				T2			T2	L2		T2		
6	T2			T2	T2	T2	T2	T2			T2	T2	T2		T2	T2		T2	T2		T2	T2

CN21

Signal Name	Description	Function
T1	External Telephone Line	External Telephone Signal
T2	External Telephone Line	External Telephone Signal

Pin No.	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AS	AT	YW	AV	AW	YX	EE	YB	YM
1																						
2										T1												
3			T1	T1		T1	T1		T1			T1	T1		T1	T1			T1	T1	T1	T1
4			T2	T2		T2	T2		T2			T2	T2		T2	T2			T2	T2	T2	T2
5										T2												
6																						T2

CN24

Signal Name	Description	Function
T1	External Telephone Line	External Telephone Signal
T2	External Telephone Line	External Telephone Signal
S	Shunt	Shtnt Signal

Pin No.	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AS	AT	YW	AV	AW	YX	EE	YB	YM
1																						
2		T2						T2										T2				
3																						
4		S																S				
5		T1						S										T1				
6								T1														

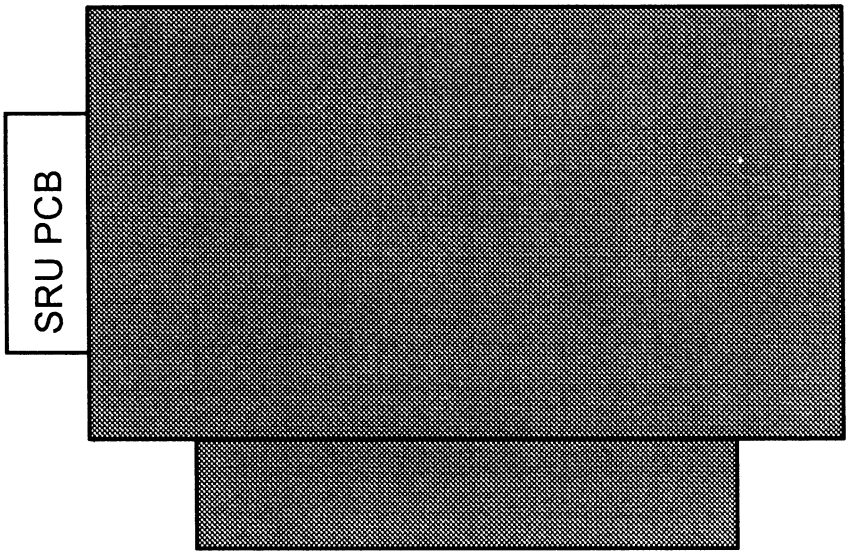
CN22

X : Used

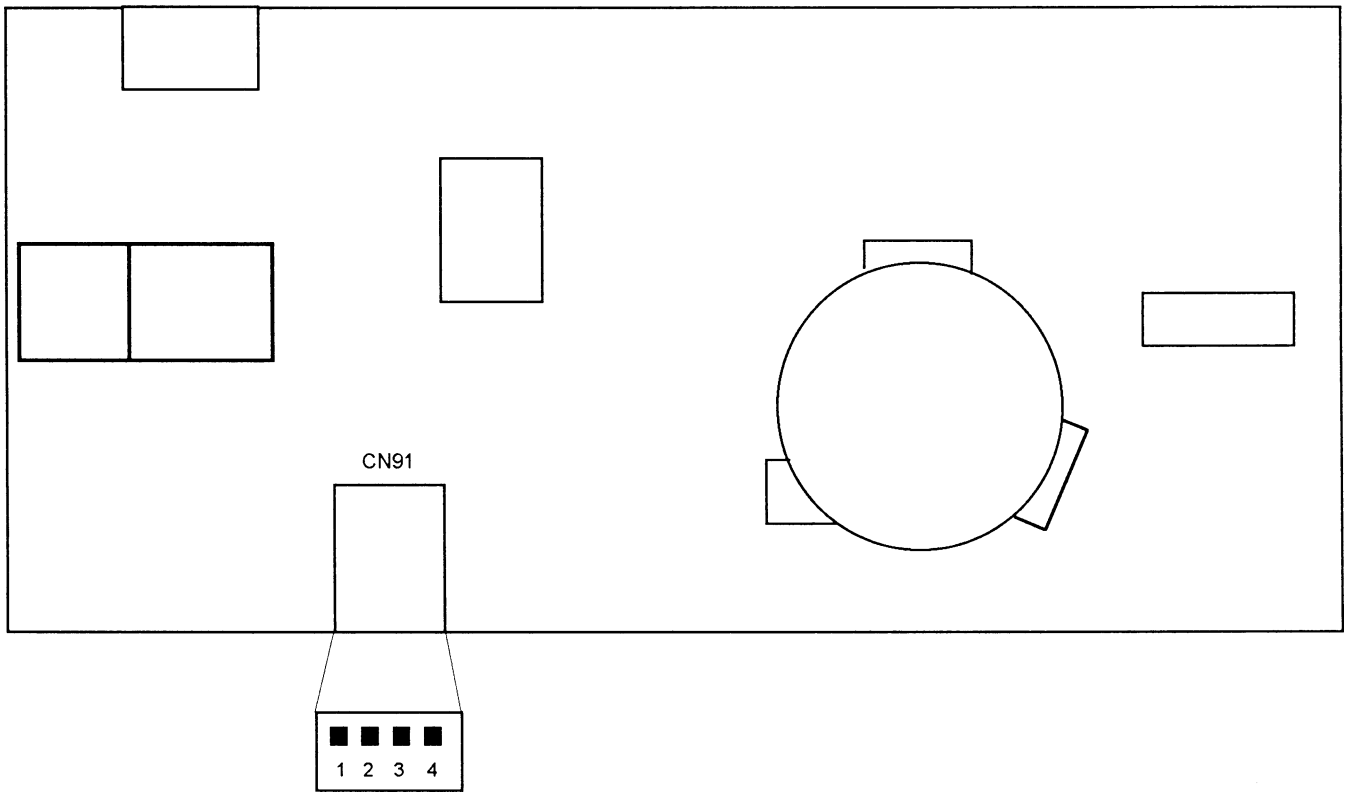
Pin No.	Signal Name	Description	On	Off	Function	AA *1	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AS	AT	YW	AV	AW	YX	EE	YB	YM
1	T1	SRU/SRS PCB CN90			External Telephone Signal	x																					
2	SHUNT	SRU/SRS PCB CN90			Shunt Signal								x										x				
	T2	SRU/SRS PCB CN90			External Telephone Signal	x																					
3	HLN1	SRU/SRS PCB CN90			Handset Telephone Line1	x			x	x		x	x	x	x		x	x		x	x		x	x		x	x
4	HLN2	SRU/SRS PCB CN90			Handset Telephone Line2	x			x	x		x	x	x	x		x	x		x	x		x	x		x	x
5		SRU/SRS PCB CN90			Not used																						
6	AIS	SRU/SRS PCB CN90	+5V (H) ON-HOOK 0V (L) OFF-HOOK		Handset Hook Off Detect	x			x	x		x	x	x	x		x	x		x	x		x	x		x	x
7	AI	SRU/SRS PCB CN90	0V		Ground	x			x	x		x	x	x	x		x	x		x	x		x	x		x	x
8	FG1	SRU/SRS PCB CN90	0V		Ground	x			x	x		x	x	x	x		x	x		x	x		x	x		x	x
9	RID	SRU/SRS PCB CN90			Ring Detect Signal																						

*1 : For UF-321 only

3.8 SRU PCB



Top View

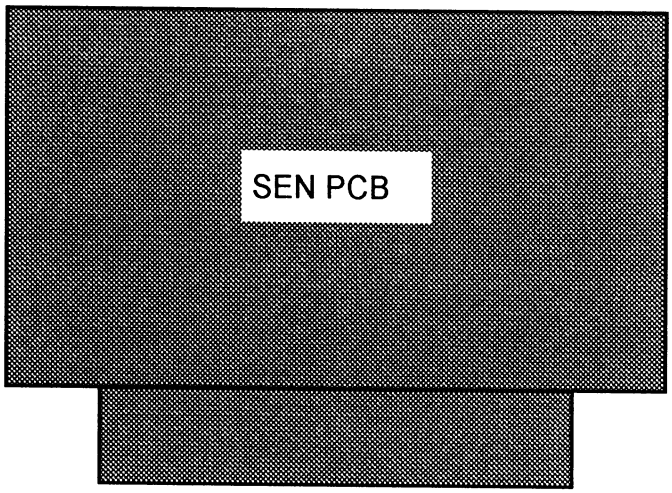


3.8 SRU PCB

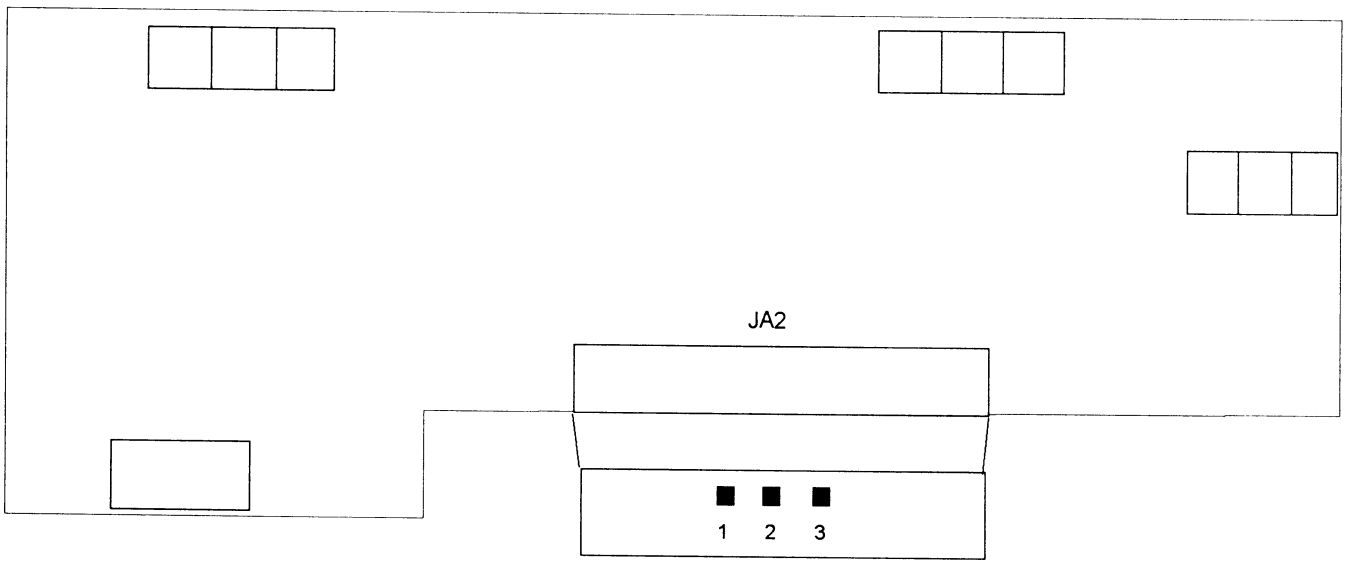
CN91

Pin No.	Signal Name	Description	ON	OFF	Function
1	MIC(+)	Handset			Microphone Signal
2	RCV(+)	Handset			Dynamic Receiver Signal
3	RCV(-)	Handset			Dynamic Receiver Signal
4	MIC(-)	Handset			Microphone Signal

3.9 SEN PCB



Top View

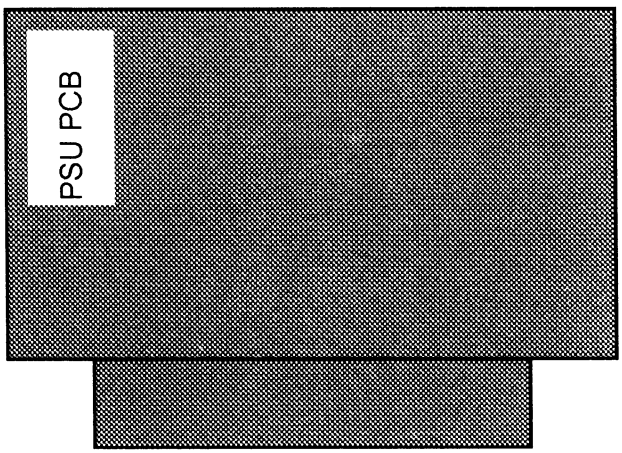


3.9 SEN PCB

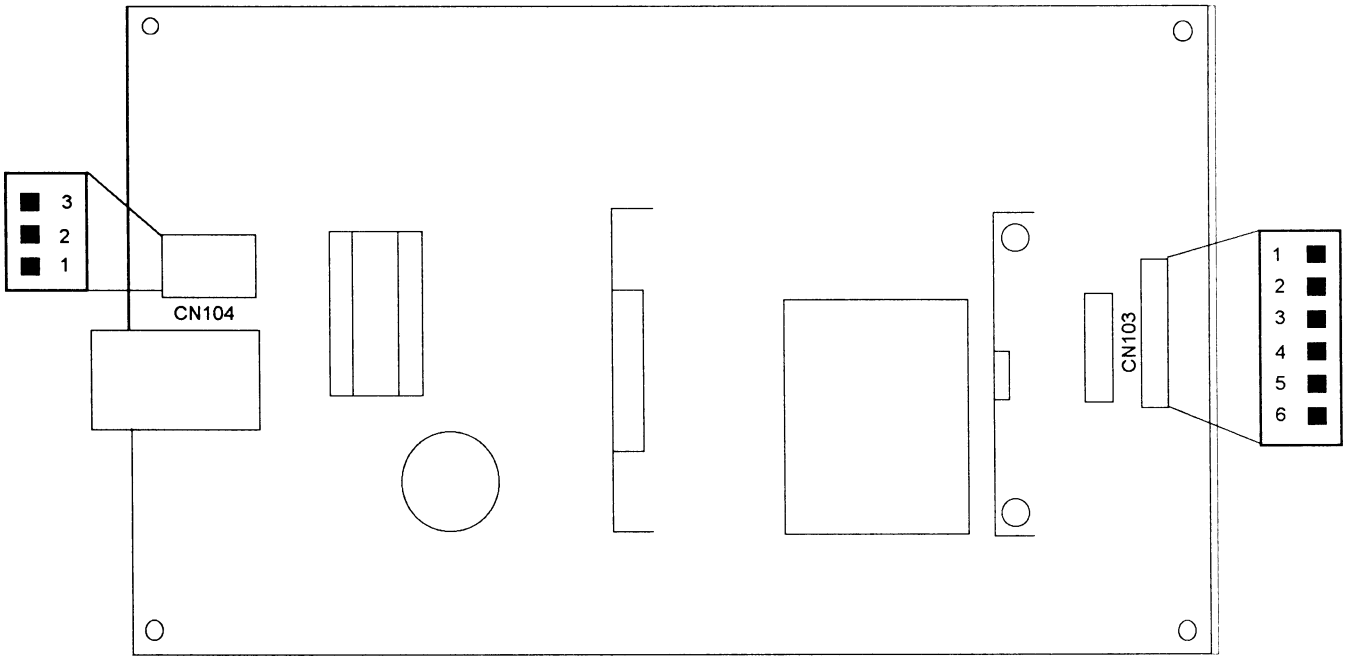
CN4

Pin No.	Signal Name	Description	ON	OFF	Function
1	+CMNB	BPS PCB CN			Sensor Power Supply
2	GND	BPS PCB CN	0V		GROUND
3	-BPNT	BPS PCB CN	0V (H) -5V (L)		B Point(Scanning Point) Detect Signal

3.10 Power Supply PCB



Top View



3.10 Power Supply PCB

CN103

Pin No.	Signal Name	Description	ON	OFF	Function
1	+24V	GPM CN	+24V ———		DC+24V power Supply
2	+24V	GPM CN	+24V ———		DC+24V Power Supply
3	PG	GPM CN	0V ———		GROUND
4	PG	GPM CN	0V ———		GROUND
5	SG	GPM CN	0V ———		GROUND
6	+5V	GPM CN	+5V ———		DC+5V Power Supply

CN104

Pin No.	Signal Name	Description	ON	OFF	Function
1	ACH	Power Source	AC200V		AC200V Power Supply (Live)
2	GND	Power Source	0V		GROUND
3	ACL	Power Source	AC100V		AC100V Power Supply (Neutral)

4.13 Information Code Table

Information Code Table (1/5)

Code	Mode	Phase	Description of Problem	Cause
001	RCV COPY	C D	Leading edge of the recording paper fails to reach the Registration Sensor.	Recording Paper : JAM Registration Sensor (LBP) : abnormal
002	RCV COPY	C D	Tail edge of the recording paper fails to reach the Registration Sensor.	Recording Paper : JAM Registration Sensor (LBP) : abnormal
010	RCV COPY	B C	No recording paper	No recording paper or paper is not set properly. No Paper Sensor is defective or it is not mounted properly.
012	RCV	C D	The length of received document is 380mm and over. (This code is for France version only.)	
014	RCV COPY	_	Print Cartridge is not installed.	
015	RCV COPY	_	Out of ink	
016	RCV COPY	_	Carriage cannot move.	Recording paper jam.
030	XMT	B	Read point Sensor does not go On within 10 seconds after document starts feeding.	Document is not set properly. Defective Read Point Sensor
031	XMT COPY	C	Transmitting document was longer than 2,000mm (or 78.7 inches).	Document gets jammed. RPS Sensor is defective.
060	_	A	Print Cover open.	Cover is not firmly closed. Connectors are not firmly connected.
061	_	A	ADF Door open.	Cover is not firmly closed. Connectors are not firmly connected.
211	XMT	C	Transmission of the data from the modem was stopped.	Modem is defective.
212	XMT RCV	A-E	Interface error occurred between CPU and Modem.	
220	RCV	C	Receiver could not detect RTC at end of phase-C.	Line quality is poor. (RTC is distorted due to line noise)
221	RCV COPY	_	Interface error occurred between CPU and GPM.	
301	XMT RCV	_	System fault	Software trouble occurred.
310 311 312 313 314	RCV COPY	_	Guard time over error for GPM (Printer). Communication error with GPM.	Defective ROM of GPM. Defective RAM of GPM. Defective ASIC of GPM.
316	RCV COPY	_	GPM (printer) error.	Defective Drop Detect PCA (Out-of Ink Sensor)
331	XMT	C	8 minutes timer error. This code is for Germany only.	

Information Code Table (2/5)

Code	Mode	Phase	Description of Problem	Cause
400	XMT	B	T1 timer (35±5 sec.)elapsed without detecting 300bps signals.	Wrong number was dialed and START button is pressed. Telephone line was disconnected in the course of dialing. FCB (Modem) or LCU (LCE) is defective. Receiver is defective. (It may transmit only CED.)
401	XMT	B	DCN was returned from receiver when transmitter was waiting for CFR or FTT.	No available mailbox in the receiver. There is an incompatibility. (Ex. Password Transmission)
402	XMT	B	DCN was returned from receiver when transmitter was waiting for NSF/DIS.	Receiver might work in non-CCITT mode only. There is incompatibility.
403	RCV (POLLING)	B	Transmitter had no polling function.	"POLLED=ON" (polling XMT ready) is not set at transmitter. Document to be transmitted was not placed at transmitter.
404	XMT	B	Transmitter sent NSS (or DCS) followed by TCF three times but receiver did not respond. (CFR or FTT is usually returned.)	Receiver is defective.(Modem, LCU (LCE) etc.) FCB (Modem) or LCU (LCE) is defective. Receiver disconnects line during first NSS (or DCS) transmitted.
405	XMT	B	Transmitter received FTT after it transmitted TCF at 2400bps. Received RTN after communicating 2400bps.	Line quality is poor. (TCF is damaged due to line noise.) Receiver is defective.(Modem, LCU (LCE) etc.) FCB (Modem) or LCU (LCE) is defective.
406	RCV (Password Comm.)	B	XMT-Password mismatched. RCV-Password mismatched. Selective RCV incomplete.	XMT, RCV password does not match. Last 4-digit of TTI does not match with speed dial number.
407	XMT	D	Transmitter received no response after it transmitted post message such as EOP, MPS EOM and so on. Or received DCN.	Receiver is defective. (No paper, paper jamming etc.) Receiver ceased receiving because of excessive error. (Line quality is poor.) FCB (Modem) or LCU (LCE) is defective.
408	XMT	D	Transmitter received RTN after it transmitted EOP, MPS or EOM.	Receiver receives data with error. (Line quality is poor.) Receiver is defective.(Modem, LCU (LCE) etc.) FCB (Modem) or LCU (LCE) is defective.

Information Code Table (3/5)

Code	Mode	Phase	Description of Problem	Cause
409	XMT	D	Transmitter receives PIN after it transmitted a post message such as EOP, MPS, EOM etc.	Receiver receives data with error due to poor line quality, and receiving operator requests voice contact. Receiver is defective.(Modem, LCU (LCE) etc.) FCB (Modem) or LCU (LCE) is defective.
410	RCV	D	Invalid command received. Received DCN while waiting for post command (EOP, MPS, EOM and so on)	Interface : faulty Line : faulty Transmitter is defective
411	RCV (polling)	B	Received DCN after transmitting NSC.	Transmitter is not ready for polling comm. Password does not match between transmitter and receiver.
412	G3 RX	B D	No response within 12 seconds in NSS/DCS/MPS wait state. (After transmitting FTT, MCF or CFR)	Transmitter is defective. FCB is defective.
414	RCV (polling)	B	No response received after transmitting 3rd NSC.	Password does not match between transmitter and receiver. Transmitter is defective.(no document, document jamming etc.)
415	XMT (polling)	B	Remote side attempted to receive message from your machine in polling communication. "Inform remote side that your macnine does not have the polling transmission feature."	
416	RCV	D	Receiver did not detect post command such as EOP etc.	Transmitter is defective. Line quality is poor.(RTC signal is distorted due to line noise.) FCB (Modem) or LCU (LCE) is defective.
417	RCV	C	Receiver returned RTN in response to post message.	Line quality is poor. (There are excessive errors in receiving data.) FCB (Modem) or LCU (LCE) is defective.
418	RCV	C	Receiver transmited PIN in response to PRI-Q from transmitter. (Transmitting operator requests voice contact.)	Line quality is poor. (There are excessive errors in receiving data.) FCB (Modem) or LCU (LCE) is defective.
420	RCV	B	T1 timer (35 sec.) elapsed without detecting 300bps signal. (The 420 code is not displayed on panel.)	There is an incoming wrong call.(not for facsimile comm.) Transmitter is defective. FCB (Modem) or LCU (LCE) is defective.
422	XMT	B	Content of NSF (or DIS) or NSC (or DTC) was not valid.	There is incompatibility.

Information Code Table (4/5)

Code	Mode	Phase	Description of Problem	Cause
427	G3 RCV	B	DCN received to NSF/CSI/DIS transmitted.	Interface : incompatible.
434	XMT or RCV	B	CD (response from Modem) did not turn OFF within 180 sec. after receiver detected FLAG signal.	Remote unit is defective. FCB (Modem) or LCU (LCE) is defective.
436	G3 RX	C	DCN received after transmitting FTT.	Transmitter is defective or incompatible. Line quality is poor.
456	RCV	B	Received relay transfer request or confidential document to distribute to an end receiving station.	
457	RELAY XMT CONF. XMT/POLL	B	Remote unit does not have Relayed XMT or Confidential Comm. capability.	
459	RCV	C	Failed training in Phase C.	Line quality is poor.(Training signal is distorted due to line noise.) FCB (Modem) or LCU (LCE) is defective.
490	RCV	C	Sum of error line exceeded the limit (parameter 012) by 64 lines.	Line quality is poor. FCB (Modem) or LCU (LCE) is defective.
494	RCV	C	Interval between two EOLs was more than 10 sec. when receiver received message data.	Transmitter is defective. Line quality is poor. (EOL is damaged due to line noise.) FCB (Modem) or LCU (LCE) is defective.
495	XMT/RCV	C	During reception, CD turned OFF or continued ON for long time. During communication, lost loop-current.	Line is disconnected. Transmitter is defective. FCB (Modem) or LCU (LCE) is defective.
496	XMT	C	CS of modem is not able to turn ON.	FCB (Modem) is defective.
497	XMT	B	CS of modem is not able to turn ON during training.	FCB (Modem) is defective.
540	XMT ECM	B	No response after transmitting 3rd CTC.	Interface : incompatible
541	XMT ECM	D	No response after transmitting 3rd EOR or received DCN.	Line : faulty LCU (LCE), MODEM : abnormal
542	XMT ECM	D	No response to the 3rd RR transmitted or received DCN.	A remote unit : abnormal
543	XMT ECM	D	T5 seconds elapsed without MCF.	A remote unit : abnormal
544	XMT ECM	D	Stopped Transmission afer EOR Transmission.	Line : faulty LCU (LCE), MODEM : abnormal
554	RCV ECM	D	Transmitted ERR after receiving EOR	Line : faulty
555	RCV ECM	D	Transmitted PIN after receiving EOR	Line faulty and Operator Call requested by RX side.

Information Code Table (5/5)

Code	Mode	Phase	Description of Problem	Cause
570	RCV	B	Password or machine code did not match during remote diagnostic communication.	
571	XMT	B	Remote unit did not have the remote diagnostic function.	
572	XMT	C	There was no response while machine transmitted the data during remote diagnostic communication.	Remote unit is defecitve.
573	RCV	C	Unit could not receive the data from remote unit during remote diagnostic communication.	Remote unit is defective.
601	XMT		ADF door was opened during On-hook transmittion.	
623	XMT	A	No document was on document feeder. (built-in dialer engaged.)	Operator removed Document from document feeder after dialing is completed. Document is not properly placed on document feeder.
630	XMT or RCV (polling)	B	Redial count over and busy tone detected.	Dial tone is not detected. Second dial tone is not detected. (depending on country.) Busy tone is detected. (depending on country.) T1 timer (35±5 sec.) elapsed without signal from receiver.
631	XMT	A	"STOP" button was pressed during Auto Dialing.	
634	XMT		Redial count over with no response.	
638	XMT		Power turned off with applicable data in memory or during communication.	Power switched off. Power Failure occurred.
870	Mem.XMT Multi-copy		Memory overflow. Memory File Full.	
879	Mem.RCV		Memory overflow during memory reception	
962			Memory file access error	
975	Initial test		Memory parity error.	
995	Conf.XMT Conf.Polling, Relay Request		Parameter setting for Relay Comm. or Conf. Comm. is invalid	

4.14 Diagnostic Codes

The 13-digit Diagnostic Code is provided for the service engineer to analyze how the communication was performed. The code is recorded on the Journal.

Example of Journal

```
**********- JOURNAL - ********** DATE AUG-12-1993 ********** TIME 09:39 *****

NO. COM.  PAGES  FILE  DURATION  X/R  IDENTIFICATION  DATE    TIME   DIAGNOSTIC
01  OK    01     001   00:00'42  XMT  123 456 789     AUG-12  01:55  C8649003C0000
                                                                      ↑        ↑
                                                                   1st digit  13th digit
----------------------------------------------------------------------------------------

                                                  -PANASONIC PANAFAX UF-321-

**********-PANAFAX UF-321-******** -12345678901234567890- ********
```

1st Digit : Manufacturer Code

– : Not used/defined

Data	Definition			
	Manufacture Code			
0				
1	Casio			
2	Canon			
3	Sanyo			
4	Sharp			
5	Tamura			
6	Toshiba			
7	NEC			
8	Oki			
9	Hitachi			
A	Xerox			
B	Fujitsu			
C	Matsushita			
D	Mitsubishi			
E	Murata			
F	Richo			

2nd Digit

--: Not used/defined

Data	Definition			
	DCN	STOP Button	Voice Contact	Built-in Dialer
0	–	–	–	–
1	Received	–	–	–
2	–	Pressed	–	–
3	Received	Pressed	–	–
4	–	–	Requested	–
5	Received	–	Requested	–
6	–	Pressed	Requested	–
7	Received	Pressed	Requested	–
8	–	–	–	Used
9	Received	–	–	Used
A	–	Pressed	–	Used
B	Received	Pressed	–	Used
C	–	–	Requested	Used
D	Received	–	Requested	Used
E	–	Pressed	Requested	Used
F	Received	Pressed	Requested	Used

3rd Digit

– : Not used/defined

Data	Definition			
	Receive Start	ID (TSI, CSI or CIG)	Polling TX in Turnaround Polling	
0	–	–	–	
1	Automatic	–	–	
2	Manual	–	–	
3	–	–	–	
4	–	Received	–	
5	Automatic	Received	–	
6	Manual	Received	–	
7	–	–	–	
8	–	–	Used	
9	Automatic	–	Used	
A	Manual	–	Used	
B	–	–	–	
C	–	Received	Used	
D	Automatic	Received	Used	
E	Manual	Received	Used	
F	–	–	–	

4th Digit

– : Not used/defined

Data	Definition			
	Relayed XMT	Short Protocol	Password XMT	Deferred Comm.
0	–	–	–	–
1	–	–	–	Used
2	Used	–	–	–
3	–	–	–	–
4	–	Used	–	–
5	–	Used	–	Used
6	Used	Used	–	–
7	–	–	–	–
8	–	–	Used	–
9	–	–	Used	Used
A	Used	–	Used	–
B	–	–	–	–
C	–	Used	Used	–
D	–	Used	Used	Used
E	Used	Used	Used	–
F	–	–	–	–

5th Digit

– : Not used/defined

Data	Definition			
	Polling RCV	RCV	XMT	
0	–	–	–	–
1	Used	–	–	–
2	–	Used	–	–
3	–	–	–	–
4	–	–	Used	–
5	–	–	–	–
6	–	–	–	–
7	–	–	–	–
8	–	–	–	–
9	–	–	–	–
A	–	Used	–	–
B	–	–	–	–
C	–	–	Used	–
D	–	–	–	–
E	–	–	–	–
F	–	–	–	–

6th Digit

– : Not used/defined

Data	Definition			
	ECM	G3/G3-N	Memory Comm.	
0	–	–	–	
1	–	–	–	
2	–	–	–	
3	–	–	–	
4	–	G3 Std	–	
5	Used	G3 Std	–	
6	–	G3 Std	Used	
7	Used	G3 Std	Used	
8	–	G3 N-Std	–	
9	Used	G3 N-Std	–	
A	–	G3 N-Std	Used	
B	Used	G3 N-Std	Used	
C	–	–	–	
D	–	–	–	
E	–	–	–	
F	–	–	–	

7th Digit : Always "0"

– : Not used/defined

Data	Definition			
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

8th Digit

– : Not used/defined

Data	Definition			
	Resolution	Coding		
0	–	–		
1	–	–		
2	STD	MH		
3	STD	MMR		
4	FINE	MH		
5	FINE	MMR		
6	S-FINE / 300 dpi	MH		
7	S-FINE / 300 dpi	MMR		
8	–	–		
A	STD	MR		
B	–	–		
C	FINE	MR		
D	–	–		
E	S-FINE / 300 dpi	MR		
F	–	–		

9th Digit

– : Not used/defined

Data	Definition			
	Modem Speed	Polling TX		
0	2400 bps	–		
1	4800 bps	–		
2	7200 bps	–		
3	9600 bps	–		
4	–	–		
5	–	–		
6	–	–		
7	–	–		
8	2400 bps	Yes		
9	4800 bps	Yes		
A	7200 bps	Yes		
B	9600 bps	Yes		
C	–	Yes		
D	–	Yes		
E	–	Yes		
F	–	Yes		

10th Digit

– : Not used/defined

Data	Definition			
	Scanning Rate			
0	20 ms / line			
1	5 ms / line			
2	10 ms / line			
3	–			
4	40 ms / line			
5	–			
6	–			
7	0 ms / line			
8	–			
9	–			
A	–			
B	–			
C	–			
D	–			
E	–			
F	–			

11th Digit : Always "0"

– : Not used/defined

Data	Definition			
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

12th Digit

– : Not used/defined

Data	Definition			
	Confidential Comm.	RTN Received		
0	–	–	–	
1	Yes	–		
2	–	–		
3	–	–		
4	–	–		
5	–	–		
6	–	–		
7	–	–		
8	–	Yes		
9	Yes	Yes		
A	–	–		
B	–	–		
C	–	–		
D	–	–		
E	–	–		
F	–	–		

13th Digit : Always "0"

– : Not used/defined

Data	Definition			
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

5.1 Test Mode Table

The following test modes are provided to assist you in setting various functions that effect the operation of the unit and to run tests that will help you determine the condition of the unit.

Test Mode Table

Test Mode No.	Test Mode	Description
0	Test Pattern Printout	Prints out a test pattern to check the printer mechanism.
1	Function Parameter setting	Changes the function parameters such as the home position and various other functions.
2	Not used	
3	Function Parameter List Printout	Prints out a list of all function parameters.
4	Binary Signal Generation	Generates various binary signals.
5	Tonal Signal Generation	Generates various tonal signals.
6	RAM Initialization	Initialize RAM and store the default value of the function parameters.
7	DTMF Signal Generation	Generates various DTMF signals.
8	Not used	
9	RAM Test (Doc. MEM. Test)	Checks the Document Memory RAM.
10	LED, LCD and CCD Test	Checks the LED, LCD and CCD.

5.2 Test Mode No.0 (Page Memory Test)

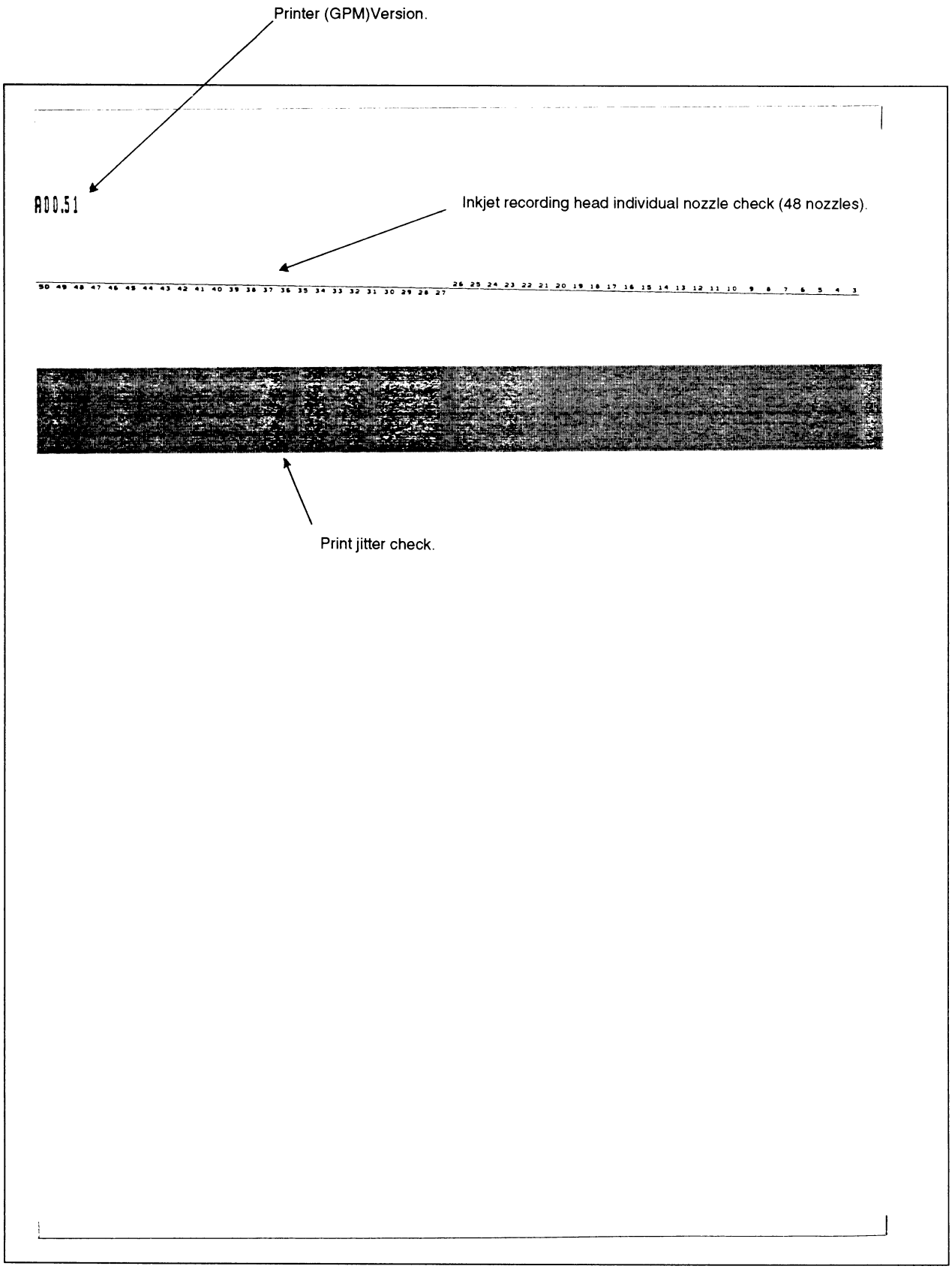
A test pattern is printed out for checking the page memory (IC 18,19 and 20 on FCB PCB) and printer mechanism by the following procedure.

Test Pattern Printout

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15 : 00 00%
2	Press " **FUNCTION** " and then " **7** ".	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL**" four times, then press " * " .	TEST MODE NO. = (ENTER 0-10)
4	Press " **0** " and " **START** " .	* PRINTING * PAGE MEMORY TEST
5	After printing, the unit returns to the display of step 3.	TEST MODE NO. = (ENTER 0-10)
6	Press " **STOP** " to return to standby.	AUG - 12 - 1993 15 : 00 00%

Note : Refer to the sample copy of the test pattern on the next page.

Sample Test Pattern Print



5.3 Test Mode No.1 (Function Parameter Setting)

If necessary, change the function parameters by the following procedures.

Function Parameter Setting

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15 : 00 00%
2	Press " **FUNCTION** " and then " **7** " .	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " * " .	TEST MODE NO.= (ENTER 0-10)
4	Press " **1** " and " **START** " .	TEST MODE (00-99) ENTER TEST MODE #
5	Enter the Function Parameter Number. EX : Changing " **ALARM STATUS** ". Enter " **01**".	TEST MODE #01 ALARM STATUS ?
6	Press " **START** ".	ALARM STATUS : Timer 1 : Timer 2 : Constant
7	Enter the new setting value. EX : Enter " **2** " for Constant.	ALARM STATUS : Const. 1: Timer 2: Constant
8	Press " **START** ". The new value will be stored and next parameter will be displayed.	TEST MODE #02 ** NO JOB **
9	Repeat steps 5 through 8 to change another Function parameter or Press " **STOP** " twice to return to standby.	AUG - 12 - 1993 15 : 00 00%

Note : The following buttons provide these functions in test mode.

" START " : The new setting value will be stored into the machine.

" ^ " : Decrease the function parameter number.

" v " : Increase the function parameter number.

Function Parameter Table (1/4)

No.	Parameter (see Note3)	Selections	Function
00	POLLED FILE SAVE (For UF-322 only)	1 = Off (delete auto) 2 = On (not delete auto)	Selects to automatically delete the polled document in the memory after it is retrieved.
01	ALARM STATUS	1 = Timer (6sec.) 2 = Constant	Selects No Paper and No ink alarm status.If selects "Constant", alarm will not stop until pressing "Stop" or clear the error.
02	Not used		
03	Not used		
04	NUMERIC ID SET	1 = Off (will not accept) 2 = On (accepts)	Selects whether or not the machine accepts to set or change Numeric ID.
05	LANGUAGE		Selects language.Press "^" or "v" to select displayed language. (Used to improve manufacturing productivity.)
06	ID DISPLAY:	1 = Numer (Numeric ID) 2 = Chara (Character ID)	Selects the priority of displaying ID.
07	JNL COLUMN	1 = Preset station name 2 = Received ID	Selects contents of ID column on Journal.
08	MONITOR	1 = Off 2 = On	Selects Monitor ON/OFF for monitoring fax signals.
09	DC LOOP	1 = Off (normal) 2 = On (Off Hook)	Selects a false Off Hook state for back to back communication test.
10	TX LEVEL	00 = 0 dBm ~ 15 = -15 dBm	Selects signal output level, 0 to -15 dBm in 1dBm steps. (Refer to Chapter 4.3.3~4.3.5)
11	RX LEVEL	1 = -43 dBm 2 = -38 dBM 3 = -33 dBm 4 = -48 dBm	Selects receiving sensitivity of -33/-38/-43/-48 dBm. (Refer to Chapter 4.3.3~4.3.5)
12	DTMF LEVEL	00 = 0 dBm ~ 15 = -15 dBm	Selects DTMF output level, 0 to -15 dBm in 1 dBm steps.
13	G3 RX EQL	1 = 0 km 2 = 6 km 3 = 7.2 km 4 = 13.2 km	Selects cable equalizer in G3 reception mode, 0/6/7.2/13.2 km.
14 ~ 16	Not used		
17	TX START	1 = 2400 bps 2 = 4800 bps 3 = 7200 bps 4 = 9600 bps	Selects transmission modem start speed, 9600/7200/4800/2400 bps.
18	RX START	1 = 2400 bps 2 = 4800 bps 3 = 7200 bps 4 = 9600 bps	Selects receiving modem start speed, 9600/7200/4800/2400 bps.
19	Not used		
20	CCITT ECM	1 = Off (Invalid) 2 = On (Valid)	Selects ECM mode.
21	EP TONE	1 = Off (without EP Tone) 2 = On (with EP Tone)	Selects echo protect tone on V.29 mode, On (add) or Off (not add).
22	SIG. INTERVAL	1 = 100 ms 2 = 200 ms 3 = 500 ms	Selects time interval between receiving signal and transmitting signal.
23	TCF CHECK	1 = Normal (Short) 2 = Long	Selects TCF check interval Long/Short.
24	CED FREQ.	1 = 1080 Hz (non CCITT) 2 = 2100 Hz	Selects CED frequency 2100/1080 Hz.

Function Parameter Table (2/4)

No.	Parameter (see Note3)	Selections	Function
25	COMM. START-UP	1 = 1'st response 2 = 2'nd response	Selects communication start-up condition (XMT and Polling).
26	NON-STANDARD	1 = Off (Invalid) 2 = On (Valid)	Selects own mode (Panafax mode).
27	SHORT PROTOCOL	1 = Off (Invalid) 2 = On (Valid)	Selects short protocol mode.
28	Not used		
29	REMOTE DIAG.	1 = Off (will not accept) 2 = On (accepts)	Selects whether or not the machine accepts Remote Diagnostics from the service station. Same function as fax parameter No.31.(This is for only Machine-to-Machine Diagnostic.)
30	CED & 300bps	1 = 75 ms 2 = 1 sec	Selects blank time between CED and 300 bps signal.
31	RTC = EOLx12	1 = Off (EOL×6) 2 = On (EOL×12)	Selects RTC signal, EOL×6 or EOL×12.
32	CSI TRANSMIT	1 = Off (not transmitted) 2 = On (transmitted)	Selects transmit CSI signal.
33	TSI TRANSMIT	1 = Off (not transmitted) 2 = On (transmitted)	Selects transmit TSI signal.
34	CIG TRANSMIT	1 = Off (not transmitted) 2 = On (transmitted)	Selects transmit CIG signal.
35	Not used		
36	CHARACTER ID	1 = Off (not transmitted) 2 = On (transmitted)	Selects whether machine transmits the character ID or not.
37	PROTOCOL DISPLAY	1 = Off (not display) 2 = On (display)	Selects to display modem speed during communication or not.
38	Not used		
39	H.S. MODE(For French version only)	1 = 300 2 = 300/2400 3 = 2400	Selects hand shaking mode.
40	Not used		
41	PAUSE TIME	1 = 1 sec. ~ 10 = 10 sec.	Selects pause time 1 sec. ~ 10 sec.
42	PHONE CALL(For Hong Kong version only)	1 = Ignore (detect primary ringer) 2 = Answer (detect secondary ringer)	Selects to detect the primary ringer of double ringer or not.
43	REDIAL INTERVAL	0 = no waiting ~ 15 = 15 minutes	Selects redial interval, 0 to 15 minutes in one minute steps.
44	REDIAL COUNT	0 = no redial ~ 15 = 15 times	Selects redial count 0 to 15 times in one step intervals.
45	RING DET. COUNT	1 = 1 ring ~ 9 = 9 rings	Selects ring detect count 1 to 9 times in one step intervals.
46	ON-HOOK TIME	0 = 0 sec. ~ 90 = 90 sec.	Selects on-hook time between sequential communication calls in 1 second steps.
47	RESPONSE WAIT	1 = 1 sec. ~ 90 = 90 sec.	Selects waiting time to respond after finishing the dialing.
48	EXT. TEL DIAL	1 = Invalid 2 = Valid	Selects if key pad dial is available or not when external phone is off-hook.
49	Not used		

Function Parameter Table (3/4)

No.	Parameter (see Note3)	Selections	Function
50	RING DET. MODE	1 = Normal 2 = Rough	Selects seriousness of ringer detection.Use if the line signal is out of regulation, set "Rough" so unit may detect the signals.
51	TONE DET. MODE	1 = Normal 2 = Rough	Selects seriousness of dial tone and busy tone detection.Use it if the line signals are out of regulation, set "Rough" so unit may detect the signals.
52	PULSE RATE	1 = 10 PPS 2 = 20 PPS	Selects dial pulse rate 10/20 pps.
53	TEL TYPE (Except for North America version)	1 = Normal 2 = Invert 3 = +1	Selects pulse dial type Normal, Invert or +1. Invert : Norway, New Zealand +1: Sweden
54	INTNTNL DT MODE (For Belgium, France, Spain and Hungary Version Only)	1 = Off 2 = On	Selects to distinguish the prefix 4-digit code for international access code or not.
55	BUSY TONE CHECK	1 = Off 2 = On	Selects Busy Tone detection function.
56	DIAL TONE CHECK(Except for North America version)	1 = Off 2 = On	Selects to detect dial tone before dialing telephone number.
57	DC LOOP CHECK(Except for North America version)	1 = Off (not check) 2 = On (checks)	Selects if unit checks DC Loop during communication.
58	Not used		
59	CONF. REV REPORT (For UF-322 only)	1 = Off (not print out) 2 = On (print out)	Selects if the machine prints a CONF.RCV REPORT.
60	VERSION:	Indicates ROM version.	
61	TX/RX PRINT COUNTER:	TX/RX/PRINT	Indicates transmitted, received and printed document count.
62 ~ 63	Not used		
64	SILENT DET. T. OUT	00 = 0 sec. ~ 99 = 99 sec.	Select silent detection timeout time (TAM I/F).
65	SILENT DETECTION	1 = Off 2 = On	Selects silent detection function (TAM I/F). Same function as fax Parameter No.20.
66	SILENT DET. DELAY	00 = 0 sec. ~ 99 = 99 sec.	Selects silent detection delay time (TAM I/F).
67	SILENT INT. TIME	00 = 0 sec. ~ 99 = 99 sec.	Selects silent detection integration time (TAM I/F).
68	RING COUNT (TAM)	1 = 1 time ~ 9 = 9 times	Selects ring detect count 1 to 9 times in one step intervals on TAM I/F mode.
69	Not used		
70	LINE ERROR	1 = 128 lines 2 = 256 lines 3 = 512 lines	1. Selects line disconnect condition during reception.If the number of line errors exceed this setting, the unit will disconnect the line.
		4 = 1024 lines 5 = 2048 lines 6 = Off (will not disconnect line)	2. Selects transmit condition of RTP/PIP or RTN/PIN.(Available if No.73 ERROR DETECT is set to "LINES".) (See Note 1.)

Function Parameter Table (4/4)

No.	Parameter (see Note3)	Selections	Function
71	TOTAL ERROR	1 = 5% 2 = 10% 3 = 15% 4 = 20%	Selects transmit condition of RTP/PIP or RTN/PIN. (Available if No. 73 ERROR DETECT is set to "RATE") (See Note 2)
72	CONTI. ERROR	1 = 3 lines/STD 2 = 6 lines/STD 3 = 12 lines/STD 4 = Off (unlimited)	Selects continuous total error criteria of 3/6/12 lines of Off as Standard mode.If continuous total error exceeds this setting, the unit will transmit RTN/PIN. (Available if No.73 ERROR DETECT is set to "RATE")
73	ERROR DETECT	1 = Lines 2 = Rate	Selects the error detect condition Lines/Rate.
74	RTN RECEIVE	1 = Disconnect 2 = Continue	Selects reaction when "RTN" is received.
75	MH/MR/MMR	1 = MH (MH only) 2 = MR (MH or MR) 3 = MMR (MH or MR orMMR)	Selects coding scheme.
76	Not used		
77	Not used		
78	FUNCTION TX (with Center ROM only)	1 = Off 2 = SYS (transfer RAM data)	Selects whether or not unit transfers the RAM data to remote station without Function parameter No.61 and Journal Informations.
79	FUNCTION RX (with Center ROM only)	1 = Off 2 = SYS (retrieve RAM data without Journal Information) 3 = JNL (retrieve Journal Information)	Selects whether or not unit retrieves the RAM data from remote station.
80	DOC TOP FEED	00 = 00 mm ~ 99 = 99 mm	Adjusting distance between scanning sensor ON position and scanning start position.
81	DOC END FEED	00 = 00 mm ~ 99 = 99 mm	Adjusting distance between scanning sensor OFF position and scanning end position.
82	TX-JAM LENGTH	1 = 1 m 2 = 2 m 3 = Unlimited	Selects jammed length at TX 1m/2m/Unlimited.
83	Not used		
84	LINE AS NO PAPER	1 = Ring (be ringing) 2 = Busy (send busy tone)	Selects whether the buzzer rings or sends a busy tone to remote station when recording paper runs out or unit cannot receive because of any trouble.
85	Not Used		
86	REDUCTION FINE (For UF-322 only)	1 = Off 2 = On	Selects fine resolution when reducing B4 size document to A4 size while sending a document.
87 88 89	LIGHT LEVEL NORMAL LEVEL DARK LEVEL	0 = Darkest Original ~ 5 = Lightest Original	Selects printing constast level. 0↔1↔2↔3↔4↔5 Dark← →Light
90	Not used		
91	INK TEST	1 = Off 2 = On	Selects either the machine performs INK TEST or not.
92	RR/RNR TIMER	1 = 1 min 2 = 4 min	Selects ECM T5 timer (CCITT = 1min ±15%)
93 ~ 99	Not used		

Note 1 : No.70 LINE ERROR, Transmit condition of RTP/PIP or RTN/PIN

Setting / Signal	1 :128	2 : 256	3 : 512	4 : 1024	5 : 2048	6 : Off
MCF/PIP	0~31	0~63	0~127	0~255	0~511	Always
RTP/PIP	32~63	64~127	128~255	256~511	512~1023	-
RTN/PIN	64~127	128~255	256~511	512~1023	1024~2047	-

Note 2 : No.71 TOTAL ERROR, Transmit condition of RTP/PIP or RTN/PIN

Setting / Signal	1 : 5 %	2 : 10 %	3 : 15 %	4 : 20 %
MCF/PIP	0 ~ 2	0 ~ 4	0 ~ 7	0 ~ 9
RTP/PIP	3 ~ 4	5 ~ 9	8 ~ 14	10 ~ 19
RTN/PIN	5 ~	10 ~	15 ~	20 ~

Note 3 : The default setting of parameters depends on the countries specifications or regulations. Print out Function Parameter List to confirm the default setting.

5.4 Test Mode No.3 (Function Parameter List Printout)

A list of all Function Parameters can be printed by the following procedure.

Function Parameter List Printout

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " **FUNCTION**" and then " **7** ".	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, and then press " * " .	TEST MODE NO. = (ENTER 0 - 10)
4	Press " **3** " and " **START** " .	* PRINTING * FUNC. PARAMETER LIST
5	After printing, the unit returns to the display in step 3.	TEST MODE NO. = (ENTER 0 - 10)
6	Press " **STOP** " to return to standby.	AUG - 12 - 1993 15:00 00%

Sample of Function Paremeter List

```
********** - FUNCTION PARAMETER- ********** DATE AUG - 12 - 1993 ***** TIME 09:39 *** P.01

 00  POLLED FILE SAVE : [Off]   Off
 01  ALARM STATUS : [Timer]   Timer
 02  _____
 03  _____
 04  NUMERIC ID SET : [On]   On
 05  LANGUAGE : [English]   English
 06  ID DISPLAY : [Chara]   Chara
 07  JNL COLUMN : [Station]   Station
 08  MONITOR :[Off]   Off
 09  DC LOOP : [Off]   Off

*10  TX LEVEL : [-9dBm]   -6dBm
 11  RX LEVEL : [-43dBm]   -43dBm
 12  DTMF LEVEL : [-6dBm]   -6dBm
 13  G3 RX EQL : [7.2km]   7.2km
 14  _____
 15  _____
 16  _____
 17  TX START : [9600bps  ]   9600bps
 18  RX START :[9600bps  ]   9600bps
 19  _____

 20  CCITT ECM : [On]   On
 21  EP TONE : [Off]   Off
 22  SIG. INTERVAL : [500ms]   500ms
 23  TCF CHECK : [Normal]   Normal
 24  CED FREQ. : [2100Hz]   2100Hz
 25  COMM. START-UP  : [1'st]   1'st
 26  NON-STANDARD : [On]   On
 27  SHORT PROTOCOL : [On]   On
 28  _____
 29  REMOTE DIAG.: [On ]   On

 30  CED & 300bps : [75ms]   75ms
 31  RTC=EOL x12 : [Off]   Off
 32  CSI TRANSMIT: [On]   On
 33  TSI TRANSMIT : [On]   On
 34  CIG TRANSMIT : [On] On
 35  _____
 36  CHARACTR ID : [On]   On
 37  PROTOCOL DISPLAY  : [Off]   Off
 38  _____
 39  _____

 40  _____
 41  PAUSE TIME :  [3]   3 sec
 42  _____
 43  RIDIAL INTERVAL: [3]   3min
*44  RIDIAL COUNT : [5 ]   7
 45  RING DET. COUNT : [1]   1
 46  ON-HOOK TIME : [5]   5 sec
 47  RESPONSE WAIT : [65]   65 sec
 48  EXT. TEL DIAL : [Invalid]   Invalid
 49  _____

 50  RING DET MODE : [Normal]   Normal
 51  TONE DET MODE : [Normal] : Normal
 52  PULSE RATE : [10pps]   10pps
 53  _____
 54  _____
 55  BUSY TONE CHECK : [On]   On
 56  _____
 57  _____
 58  _____
 59  CONF. REV REPORT : [On] :   On

 60  VERSION : UF-322  (NAM)V0.02
 61  TX/RX/PRT COUNTER  : 000006/000010/000076
 62  _____
 63  _____
 64  SILENT DET.T.OUT : [60] 60 sec
 65  SILENT DETECTION : [Off] Off
 66  SILENT DET. DELAY :  [20] 20 sec
 67  SILENT  INT. TIME : [50] 5000msec
*68  RING COUNT (TAM) :[8] 7
 69  _____

 70  LINE ERROR : [128]   128
 71  TOTAL ERROR : [10%]   10%
 72  CONTI.  ERROR : [Off]   Off
 73  ERROR DETECT : [Rate]   Rate
 74  RTN RECEIVE : [Discon]   Discon
 75  MH/MR/MMR : [MMR]   MMR
 76  _____
 77  _____
 78  _____
 79  _____

 80  DOC TOP FEED :  [15]   15mm
 81  DOC END FEED :  [7]   7mm
 82  TX-JAM LENGTH: [2m]   2m
 83  _____
 84  LINE AS NOPAPER: [Ring]   Ring
 85  _____
 86  REDUCTION FINE : [Off]   Off
 87  LIGHT LEVEL : [4]   4
 88  NORMAL LEVEL :[5]   5
 89  DARK LEVEL: [1]   1

 90  _____
 91  INK TEST  : [On]   On
 92  RR/RNR TIMER : [4 min.]   4 min.
 93  _____
 94  _____
 95  _____
 96  _____
 97  _____
 98  _____
 99  _____

Note : The power must be reset for the new parameter settings to take effect.

                                        - UF-322                    -
**********************************************- 5 1 20 v0.02 256 -***** - 0123456789012345678 -*********
```

Note : 1. * mark denote that the parameter was changed from the factory default setting.

2. [ ] denotes the factory default setting value.

3. The contents of the Function Parameter List may vary depending on each countries regulations.

5.5 Test Mode No.4 (Binary Signal Generation)

This test mode is to check whether a binary signal is being outputted or not.
Signals can be outputted to the line using the following procedure.

Binary Signal Generation

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " **FUNCTION** " then " **7** " .	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " * " .	TEST MODE NO.= (ENTER 0-10)
4	Press " **4** " and " **START** " .	SIGNAL TEST IDLE (ENTER 1-9)
5	Enter signal number (1-5) to select binary signal.	SIGNAL TEST V21 300bps
6	Press " **STOP** " twice to return the unit to standby.	AUG - 12 - 1993 15:00 00%

Number	Signals
1	V21 300 BPS
2	V29 9600 BPS
3	V29 7200 BPS
4	V27ter 4800 BPS
5	V27ter 2400 BPS

Binary Signal Table

5.6 Test Mode No.5 (Tonal Signal Generation)

This test mode is to check whether a tonal signal is being outputted or not.
The signals can be outputted to the line using the following procedure.

Tonal Signal Generation

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " **FUNCTION** " then " **7** ".	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " * " .	TEST MODE NO. = (ENTER 1-6)
4	Press " **5** " and " **START** " .	TONAL TEST IDLE (ENTER 1-6)
5	Enter signal number (1-6) to select signal.	TONAL TEST 462Hz
6	Press " **STOP** " twice to return to standby.	AUG - 12 - 1993 15:00 00%

Number	Signals
1	462 Hz
2	1080 Hz
3	1100 Hz
4	1650 Hz
5	1850 Hz
6	2100 Hz

Tonal Signal Table

5.7 Test Mode No.6 (RAM Initialization)

Initialize the RAM and store the default values of function parameters using the following procedure.

Note : This operation should be performed when the unit is installed.

RAM Initialization

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " **FUNCTION** " then " **7** ".	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " ***** " .	TEST MODE NO. = (ENTER 0-10)
4	Press " **6** " and " **START** " .	* INITIALIZE RAM * ENTER NO. OR ^ v
5	Press " **^** " or " **v** " to select the initialize mode. (See Note)	* INITIALIZE RAM * LOGO/ID/PSWD CLEAR
6	Press " **START** " .	* COMPLETED * LOGO/ID/PSWD CLEAR
7	Press " **STOP** " twice to return to standby.	AUG - 12 - 1993 15:00 00%

Note : If Initialize Mode Number is pressed instead of selecting by ^ or v, the unit immediately starts the RAM initialization after the number is pressed.

RAM Initialization Table

No.	Initialize Mode	Description
99	SHIPMENT SET (A)	Delete all setting information (except for parameter number 080 and 081) then set default values.
98	SHIPMENT SET (B)	Delete all setting information (eccept for parameter number 061, 080 and 081) then set default values.
1#	MANUFACTURE SET	Manufacture testing values will be set. (Factory use only)
19	ALLJOB CLEAR	All Jobs will be cleared.
14	PROGRAM DIAL CLEAR	Program keys will be cleared.
13	ABBR. DIAL CLEAR	One-touch/ABBR.No. will be cleared.
12	JOURNAL CLEAR	Journal contents will be cleared.
*	PARAMETER INITIAL	Parameter settings will be restored to default values.
10	LOGO/ID/PSWD CLEAR	Logo/ID/Polling Password will be cleared.

5.8 Test Mode No.7 (DTMF Signal Generation)

This test mode is to check whether a DTMF (Dual Tone Multi Frequency) is being outputted or not.
A DTMF signal can be generated using the following procedure.

DTMF Signal Generation

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " **FUNCTION** " then " **7** ".	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " * " .	TEST MODE NO.= (ENTER 0-10)
4	Press " **7** " and " **START** " .	DTMF TEST : (1 : SINGLE 2 : DUAL)
5a	Press " **1** " for DTMF Single Signal Generation.	DTMF TEST : ENTER (0-7)
6a	Enter signal number (0-7) to select DTMF single signal.	DTMF TEST : 697Hz ENTER (0-7)
5b	Press " **2** " for DTMF Signal (Dual) Generation.	DTMF TEST : ENTER (0-#)
6b	Enter signal number (0-#) to select DTMF dual signal.	DTMF TEST : (0) ENTER (0-#)
7	Press " **STOP** " twice to return to standby.	AUG - 12 - 1993 15:00 00%

DTMF Single Signal Tabel

Number	DTMF Single Signals
0	697 Hz
1	770 Hz
2	852 Hz
3	941 Hz
4	1209 Hz
5	1336 Hz
6	1477 Hz
7	1633 Hz

DTMF Signal (Dual) Table

Number	DIMF Signals (Dual)
0	0 (941 Hz + 1336 Hz)
1	1 (697Hz + 1209 Hz)
2	2 (697 Hz + 1339 Hz)
3	3 (697 Hz + 1477 Hz)
4	4 (770Hz + 1209 Hz)
5	5 (770 Hz + 1336 Hz)
6	6 (770 Hz + 1447 Hz)
7	7 (852 Hz + 1209 Hz)
8	8 (852 Hz + 1336 Hz)
9	9 (852 Hz + 1477 Hz)
*	* (941 Hz + 1209 Hz)
#	# (941 Hz + 1477 Hz)

5.9 Test Mode No.9 (RAM Test)

The RAM can be tested by means of comparing data written and read in the document memory.

RAM Test

Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press " FUNCTION " , then " **7** " .	SET MODE (1-6) ENTER NO. OR ^ v
3	Press " **TEL/DIAL** " four times, then press " * " .	TEST MODE NO.= (ENTER 0-10)
4	Press " 9 " and " START " .	* D-RAM CHECK NOW *
5a	"COMPLETED" is displayed when the writing and reading of the RAM data are satisfied.	* COMPLETED *
5b	If data error exists, the display shows the data address.	TEST RAM A : 4E000 W : FF R : FE
6	Press " STOP " to return to standby.	AUG - 12 - 1993 15:00 00%

Note : This test should be done after deleting all files.

5.10 Test Mode No.10 (LED/LCD/CCD Test)

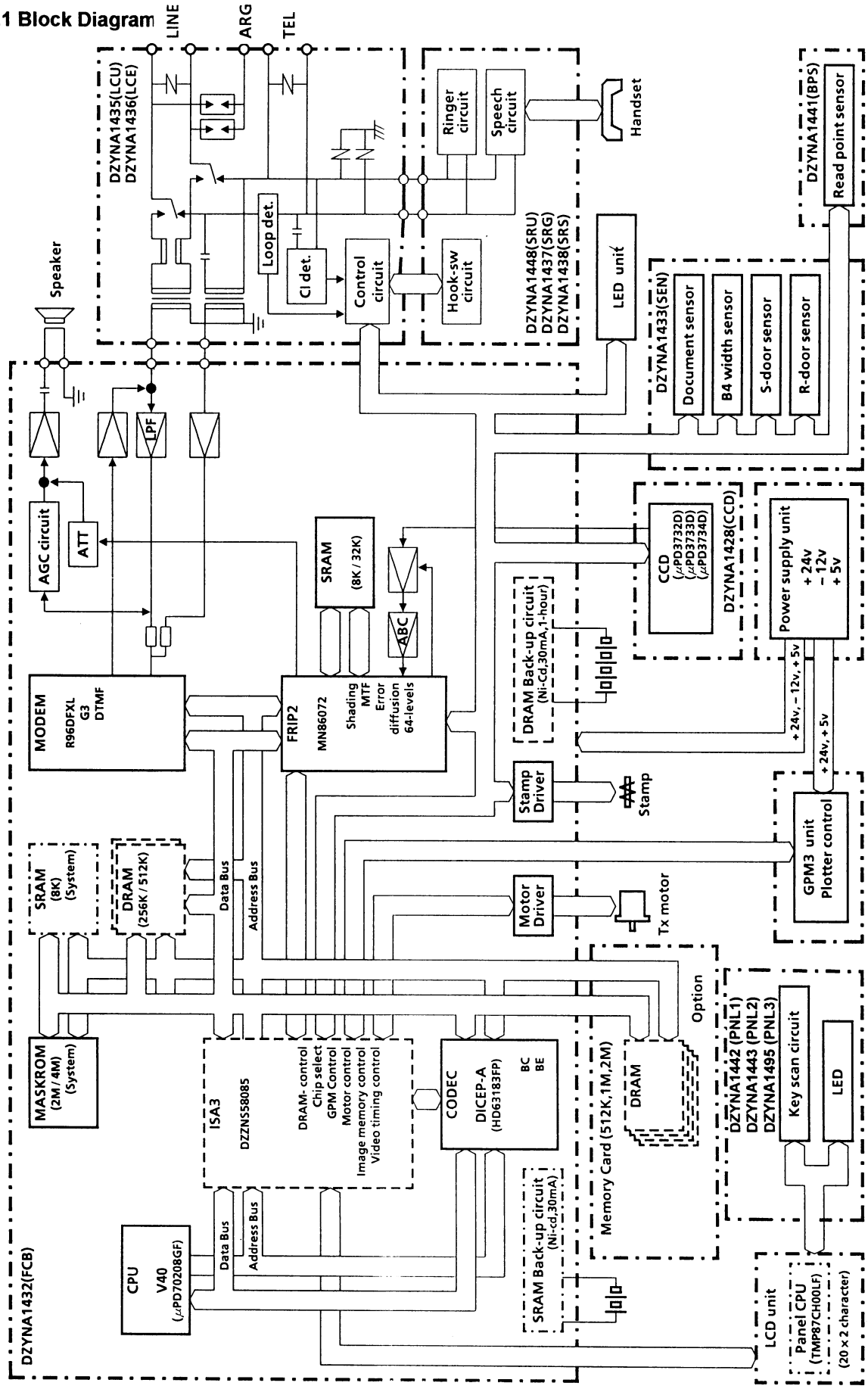
The LEDs, LCD and CCD can be checked using the following procedure.

LED/LCD/CCD Test

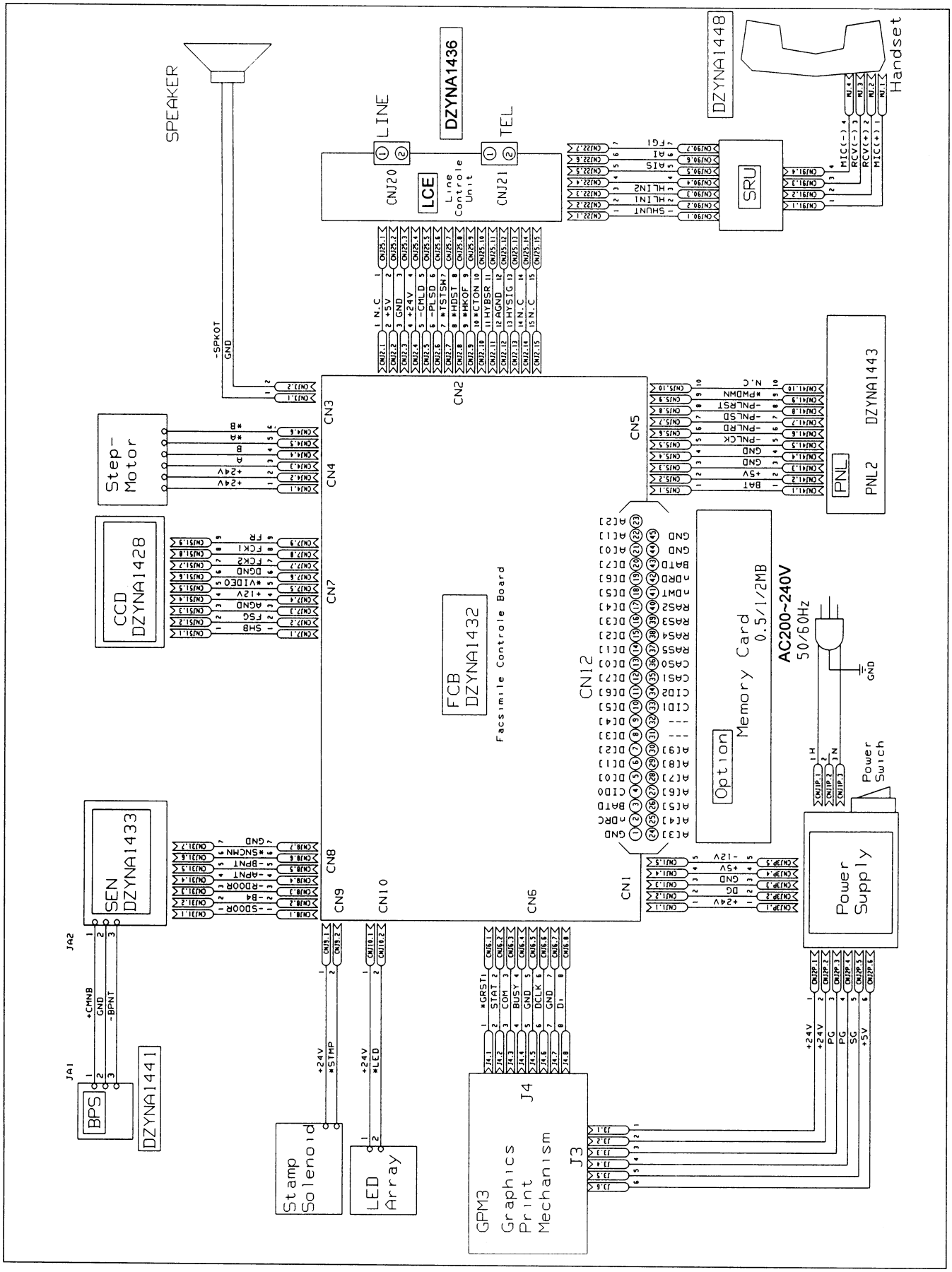
Step	Operation or unit condition	LCD display
1	Standby.	AUG - 12 - 1993 15:00 00%
2	Press" **FUNCTION** " , then " **7** " .	SET MODE (1-6) ENTER NO. OR ^ v
3	Press" **TEL/DIAL** " four times, then press " * " .	TEST MODE NO. = (ENTER 0-10)
4	Press " **10** " and " **START** " . 1) LCD will be displayed as shown on right. 2) All LEDs will be lit. 3) Scanner wil be active.(use for CCD test)	<LED&LCD-LIGHT-TEST> LIGHTING-TEST-NOW- !!
5	Press " **STOP** " twice to return the unit to standby.	AUG - 12 - 1993 15:00 00%

6.2 Electrical Circuit

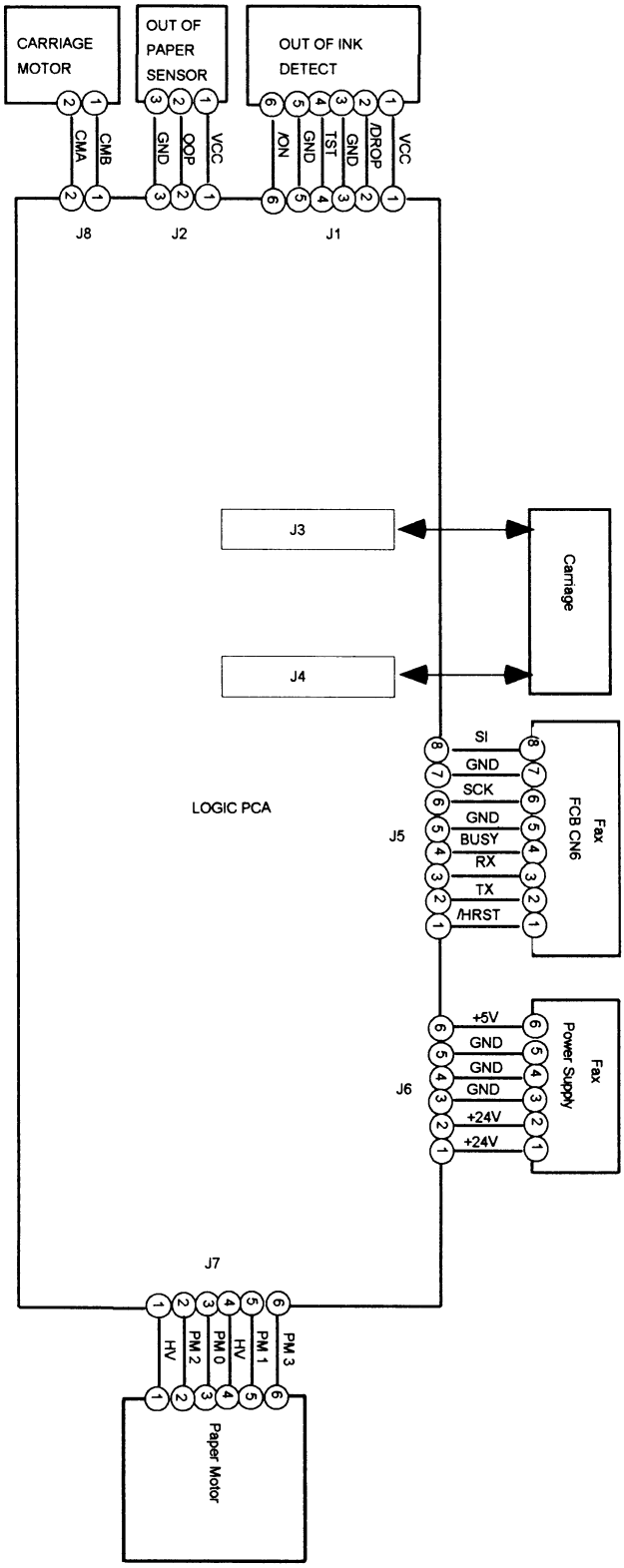
6.2.1 Block Diagram



7.1 General Circuit Diagram



7.2 General Circuit Diagram (GPM3)



EXPLODED VIEW AND PARTS LIST/СБОРОЧНЫЕ ЧЕРТЕЖИ И СПИСОК ЗАПАСНЫХ ЧАСТЕЙ
Cover Ass`y/Крышка в сборе
Control Panel Ass`y/Панель управления в сборе
Transmitter Unit (1)/Блок подачи (1)
Transmitter Unit (2)/Блок подачи (2)
Base Ass`y/Основание в сборе
GPM Ass`y (1/2)/Блок принтера в сборе (1/2)
GPM Ass`y (2/2)/Блок принтера в сборе (2/2)

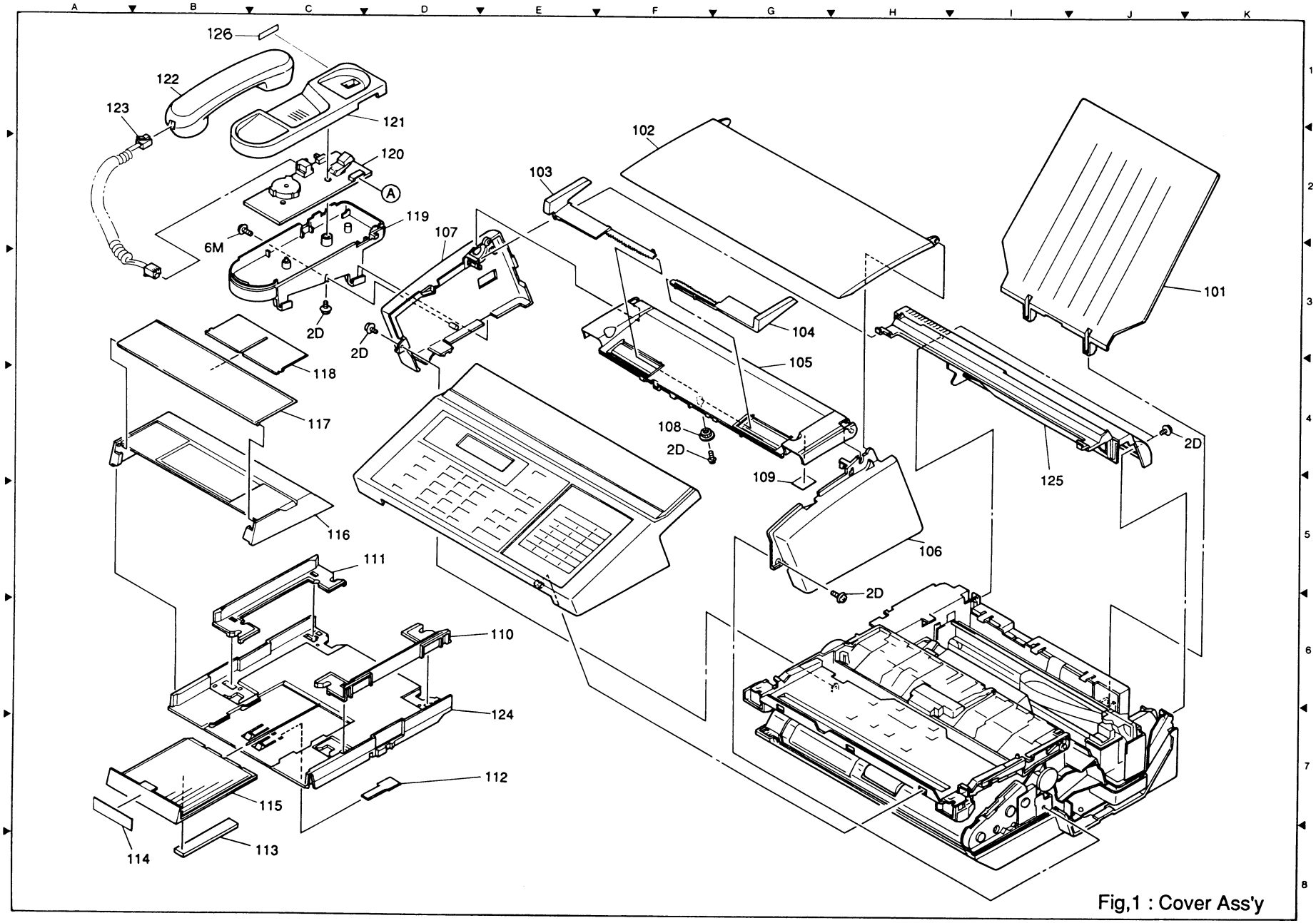
Chapter 8
Exploded View & Parts List

Country Code	Country	Country Code	Country
AA	Austria	AS	Sweden
AB	U.K.	AT	Turkey
AD	Denmark	AV	France
AE	Taiwan	AW	New Zealand
AF	Finland	EE	Italy
AH	The Netherlands	YB	Barclay
AJ	Spain	YC	Universal 200V Version with Handset
AK	Hong Kong	YH	East European Version
AL	Australia	YM	Malaysia
AM	Switzerland	YT	Thailand
AN	Norway	YW	South Africa
AP	Portugal	YX	Singapore
AQ	Ireland	YY	Universal 100V Version with Handset
AR	Belgium		

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
101	DZADS8608	Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3J
102	DZADS8627	Document Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
103	DZADS8626	Document Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
104	DZADS8625	Document Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G
105	DZADS8624	Document Guide, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
106	DZADS8621	Right Side Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
107	DZADS8622	Left Side Cover	1			1	1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1	1	3D
	DZADS8622A			1	1			1					1				1		1		1									
108	DZADS8610	Gear, Document Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
109	DZADS8975	Label, Cartridge Replacement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
110	DZADS8252AU	Recording Paper Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
111	DZADS8253AU	Recording Paper Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
112	DZADS8258	Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
113	DZADS8259	Lubber, Paper Tray Extender	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8B
114	DZADS8976	Label, Recording Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8A
115	DZADS8254AU	Extender, Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
116	DZADS8255AU	Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
117	DZADS8257AU	Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
118	DZADS8256AU	Extender, Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
119	DZBAT8617Y	Handset Cradle, Lower	1				1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1		2D
	DZBAT8617					1																							1	
120	DZYNA1448L	SRU PCB Ass'y									1																			2D
	DZYNA1448M											1																		
	DZYNA1448J								1																					
	DZYNA1448F						1																							
	DZYNA1448R															1														
	DZYNA1448K									1																				
	DZYNA1448T																	1												
	DZYNA1448W																			1										
	DZYNA1448P													1																
	DZYNA1448Q														1															
	DZYNA1448B					1																1	1	1		1			1	
	DZYNA1448X																								1			1		
	DZYNA1448U																										1			
	DZYNA1438A		1																											
121	DZBAT8616Y	Handset Cradle, Upper	1				1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1		1C
	DZBAT8616					1																							1	
122	DZZSP23045F	Handset	1				1		1	1	1	1			1	1				1										1B
	DZZSP23032F					1								1				1				1	1	1	1	1	1	1	1	
123	DZZSP09185F	Curl Cord, Handset	1			1	1		1	1	1	1		1		1		1		1		1	1	1	1	1	1	1	1	2B
124	DZADS8251AU	Tray, Paper Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
125	DZADS8623	Cover, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
126	Not used																													
2D	Q3X8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C, 3D, 4F, 6H, 4J
6M	Q3X12	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B

8.1 Cover Ass'y (UF-322)

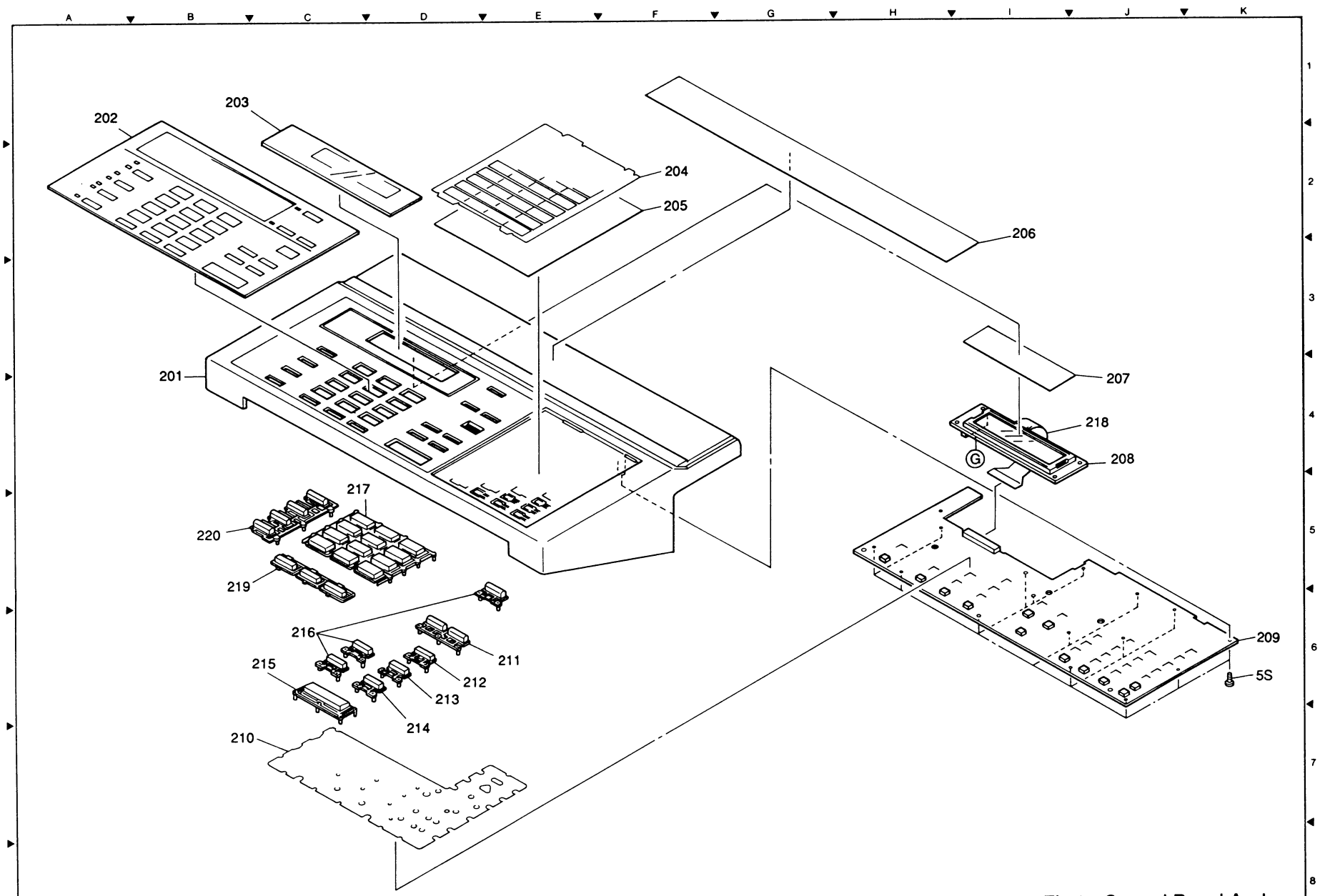
Ref.No.	Parts Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
101	DZADS868	Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3J
102	DZADS8627	Document Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
103	DZADS8626	Document Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
104	DZADS8625	Document Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G
105	DZADS8624	Document Guide, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
106	DZADS8621	Right Side Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
107	DZADS8622	Left Side Cover	1			1	1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1	1	3D
	DZADS8622A			1	1			1					1				1		1		1									
108	DZADS861	Gear, Document Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
109	DZADS8975	Label, Cartridge Replacement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
110	DZADS8252AU	Recording Paper Guide, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
111	DZADS8253AU	Recording Paper Guide, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
112	DZADS8258	Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
113	DZADS8259	Lubber, Paper Tray Extender	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8B
114	DZADS8976	Label, Recording Paper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8A
115	DZADS8254AU	Extender, Recording Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7B
116	DZADS8255AU	Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
117	DZADS8257AU	Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
118	DZADS8256AU	Extender, Sub Tray, Document Return	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
119	DZBAT8617Y	Handset Cradle, Lower					1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1		2D
	DZBAT8617																													2D
120	DZYNA1448L	SRU PCB Ass'y									1																			2D
	DZYNA1448M											1																		
	DZYNA1448J								1																					
	DZYNA1448F						1																							
	DZYNA1448R															1														
	DZYNA1448K									1																				
	DZYNA1448T																	1												
	DZYNA1448W																			1										
	DZYNA1448P													1																
	DZYNA1448Q														1															
	DZYNA1448B																					1	1	1		1				
	DZYNA1448X																								1			1		
	DZYNA1448U																										1			
	DZYNA1438A	SRS PCB Ass'y																												
121	DZBAT8616Y	Handset Cradle, Upper					1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1		1C
	DZBAT8616																													
122	DZZSP2345F	Handset					1		1	1	1	1			1	1				1										1B
	DZZSP2332F													1				1				1	1	1	1	1	1	1		
123	DZZSP9185F	Curl Cord, Handset					1		1	1	1	1		1		1		1		1		1	1	1	1	1	1	1		2B
124	DZADS8251AU	Tray, Paper Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
125	DZADS8623	Cover, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
126	Not used																													
2D	Q3X8	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C, 3D, 4F, 6H, 4J
6M	Q3X12	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B



Fig,1 : Cover Ass'y

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
201	DZADS8421AU1	Cover, Control Panel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
202	DZADS8423AU	Overlay, Control Panel																											1	2A
	DZADS8423AB			1		1		1		1	1	1			1	1		1		1		1	1	1	1	1	1	1		
	DZADS8423AG		1																											
	DZADS8423AS																1													
	DZADS8423EE																				1									
	DZADS8423AJ								1																					
	DZADS8423AD				1																									
	DZADS8423AF						1																							
	DZADS8423AN												1																	
	DZADS8423AP													1																
	DZADS8423AV																		1											
203	DZADS8422AU	Plate, LCD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
204	DZADS8426	Cover, Directory Sheet	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
	DZADS8426AB			1																										
205	DZADS8424AU	Character Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
206	DZADS8977AB	Function Label		1		1		1		1	1	1			1	1		1		1		1	1	1	1	1	1	1	1	2I
	DZADS8977AG		1																											
	DZADS8977AS																1													
	DZADS8977EE																				1									
	DZADS8977AJ								1																					
	DZADS8977AD				1																									
	DZADS8977AF						1																							
	DZADS8977AN												1																	
	DZADS8977AP													1																
	DZADS8977AV																		1											
207	DZACZ8660	LCD Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
208	DZZNS15078	LCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
209	DZYNA1443C	Control Panel PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
210	DZACZ8659	Key Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
211	DZACZ8663	Key 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
212	DZACZ8653	Key 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
213	DZACZ8654B	Key 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
214	DZACZ8654A	Key 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
215	DZACZ8652	Key 5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
216	DZACZ8654C	Key 6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
217	DZACJ8625	Key 7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
218	ESPM10200	Key 8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
219	DZACZ8655	Key 9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
220	DZACZ8656	Key 10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
5S	B2X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K

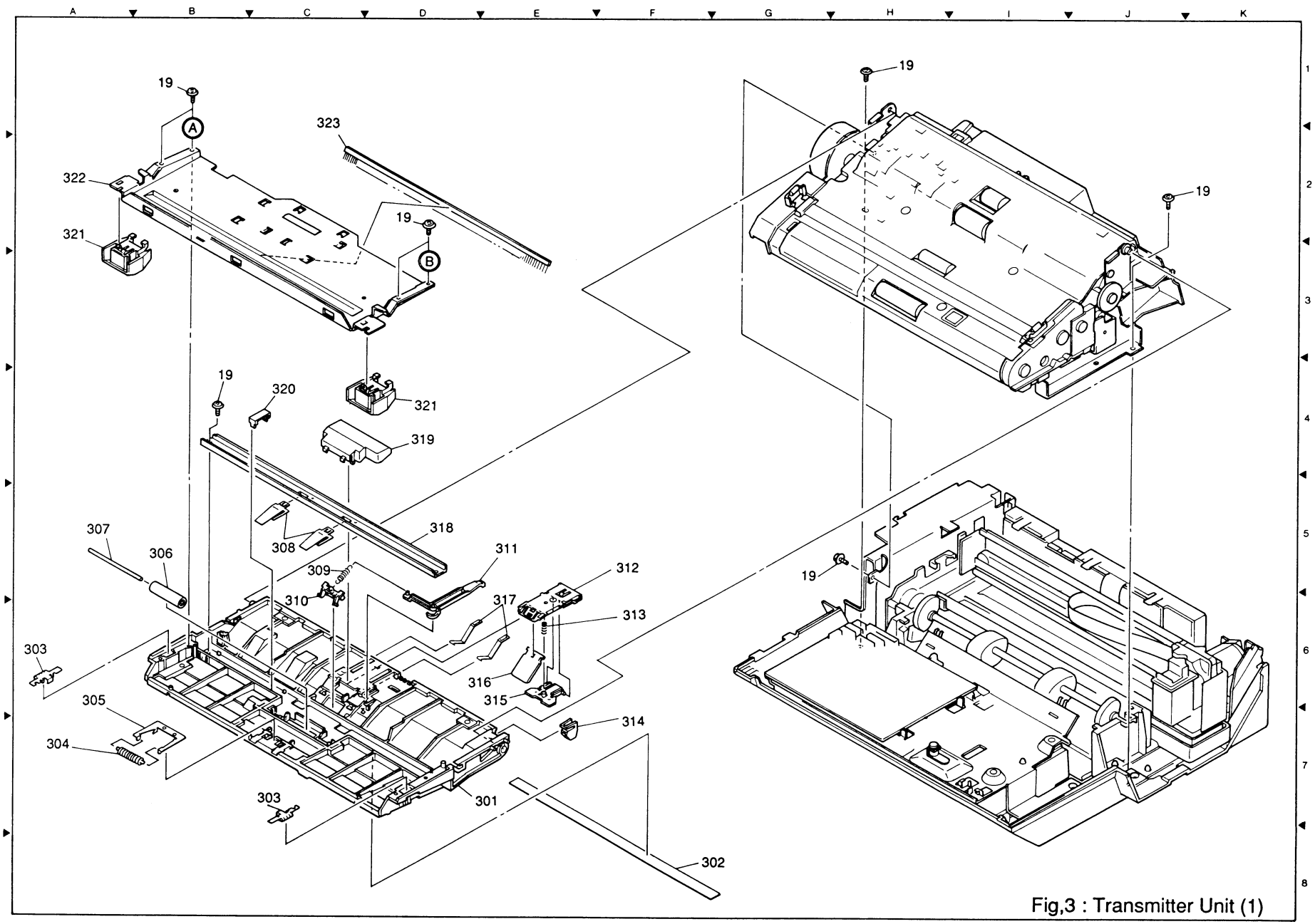
Ref.No.	Parts Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
201	DZADS8421AU2	Cover, Control Panel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4B
202	DZADS8423AU	Overlay, Control Panel																											1	2A
	DZADS8423AB			1		1		1		1	1	1			1	1		1		1		1	1	1	1	1	1	1		
	DZADS8423AG		1																											
	DZADS8423AS																1													
	DZADS8423EE																				1									
	DZADS8423AJ								1																					
	DZADS8423AD				1																									
	DZADS8423AF						1																							
	DZADS8423AN												1																	
	DZADS8423AP													1																
	DZADS8423AV																		1											
203	DZADS8422AU	Plate, LCD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
204	DZADS8427	Cover, Directory Sheet	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
	DZADS8427AB			1																										
205	DZADS8425AU	Character Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2F
206	DZADS8978AU	Function label		1		1		1		1	1	1			1	1		1		1		1	1	1	1	1	1	1	1	2I
	DZADS8978AG		1																											
	DZADS8978AS																1													
	DZADS8978EE																				1									
	DZADS8978AJ								1																					
	DZADS8978AD				1																									
	DZADS8978AF						1																							
	DZADS8978AN												1																	
	DZADS8978AP													1																
	DZADS8978AV																		1											
207	DZACZ8660	LCD Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
208	DZZNS15078	LCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
209	DZYNA1443A	Control Panel PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
210	DZACZ8659	Key Sheet	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
211	DZACZ8663	Key 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
212	DZACZ8653	Key 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
213	DZACZ8654B	Key 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
214	DZACZ8654A	Key 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7D
215	DZACZ8652	Key 5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
216	DZACZ8654C	Key 6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
217	DZACJ8625	Key 7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
218	ESPM10200	Key 8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4I
219	DZACZ8655	Key 9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
220	DZACZ8656	Key 10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5B
5S	B2X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K



Fig,2 : Control Panel Ass'y

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
301	DZADS1201	Transmission Guide, Upper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
302	DZBAU8911	Label, White Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
303	DZADS1219	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A, 7C
304	DZADS1204	Roller1, Ejection Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
305	DZADS1206	Fixing Plate, Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
306	DZADS1203	Rooler 2, Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
307	DZABL1226	Shaft, Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
308	DZADS1205	Pressure Plate, Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
309	DZADS1211	Spring1, ADF Adjusting Lever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
310	DZADS1210	Holder, Spring 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
311	DZADS1212	Adjusting Lever, ADF Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
312	DZADS1207	Holder, Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
313	DZADS1209	Spring2, Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
314	DZADS1216	Fixing Clip, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
315	DZADS1208	Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
316	DZABG1016	Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
317	DZADS1213	Plate Spring, Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
318	DZADS1215	Metal Frame	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
319	DZADS1218	Cover, ADF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
320	DZADS1217	Fixing Clip, Cable	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
321	DZADS1220	Side Guide, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A, 4D
322	DZADS1202	Chassis, Transmission Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
323	DZADS1214	Brush, Antistatic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C

Ref.No.	Parts Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
301	DZADS1201	Transmission Guide, Upper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
302	DZBAU8911	Label, White Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
303	DZADS1219	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A, 7C
304	DZADS1204	Roller 1, Ejection Pinch	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
305	DZADS1206	Fixing Plate, Roller 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7A
306	DZADS1203	Roller 2, Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
307	DZABL1226	Shaft, Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
308	DZADS1205	Pressure Plate, Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
309	DZADS1211	Spring 1, ADF Adjusting Lever	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
310	DZADS1210	Holder, Spring 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6C
311	DZADS1212	Adjusting Lever, ADF Pressure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
312	DZADS1207	Holder, Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
313	DZADS1209	Spring 2, Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
314	DZADS1216	Fixing Clip, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
315	DZADS1208	Pre-Feed Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
316	DZABG1016	Separator Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
317	DZADS1213	Plate Spring, Separator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6E
318	DZADS1215	Metal Frame	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
319	DZADS1218	Cover, ADF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
320	DZADS1217	Fixing Clip, Cable	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4C
321	DZADS1220	Side Guide, Plastic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A, 4D
322	DZADS1202	Chassis, Transmission Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
323	DZADS1214	Brush, Antistatic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C



Fig,3 : Transmitter Unit (1)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
401	DZADS0021A	Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1J
402	DZADS1024	Cover, CCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
403	DZADS1028	Mirror L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
404	DZADS1027	Mirror M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K
405	DZADS1026	Mirror S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
406	DZACG1107	Plate Spring, Mirror	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5J, 6H, 6I, 5G, 6K
407	DZADS1034	Cover, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
408	DZADS8206	Gear Cover 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
409	DZABN1020	Gear 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E, 6G
410	DZACJ1008B	Gear 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
411	DZABN1012B	Gear 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
412	DZADS1006	Gear 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
413	DZADS1010	Gear 5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
414	DZADS1039	Gear 6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
415	DZADS1046	Gear 7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
416	DZABN1011B	Gear 8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E
417	DZADS1012	Spring 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
418	DZADS1031	Gear Cover 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
419	DZADS8713	Lead Wire1, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
420	DZADS1017	Shaft, Feed Gear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
421	DZADS1049	Spring 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
422	DZADS1047	Gear Holder, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
423	DZADS1045	Gear 9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
424	DZADS1043	Gear 10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
425	DZADS1042	Gear 11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
426	DZADS1044	Gear 12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
427	DZADS1048	Gear Holder, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
428	42SPM-24DGYE MSCS048A95	Motor, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
429	DZADS1015A	Feed Roller 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
430	MEI-02A-45	LED Array Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
431	DZADS1036	Plate Spring, Tx Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6E
432	DZADS1016A	Ejection Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
433	NOT USED	Wire Clamp																												
434	DZABN1006A	Shaft Holder, Ejection	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
435	DZADS1029	Frame, LED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
436	DZADS1005	Feed Roller Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
437	DZADS1014	Feed Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
438	DZADS1013	Pre-Feed Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
439	DZADS1035	Pressure Plate, Pre-Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
440	DZADS8826	Sensor PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
441	DZADS1021	Actuator 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
442	DZADS8702	Cable, Sensor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
443	DZACH1017	Actuator 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G, 4H
444	DZADS1023	Actuator 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
445	DZADS1038	Frame, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
446	DZADS1004	Transmission Guide, Lower	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2D
447	DZADS1022	Actuator 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
448	DZBAU1109	Glass, Scanning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
449	DZADS1032	Cover, ROM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
450	S-920615	Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
451	DZADS8204	Speaker Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B
452	DZADS8207	Speaker Protector	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
453	DZADS1003	Left Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A

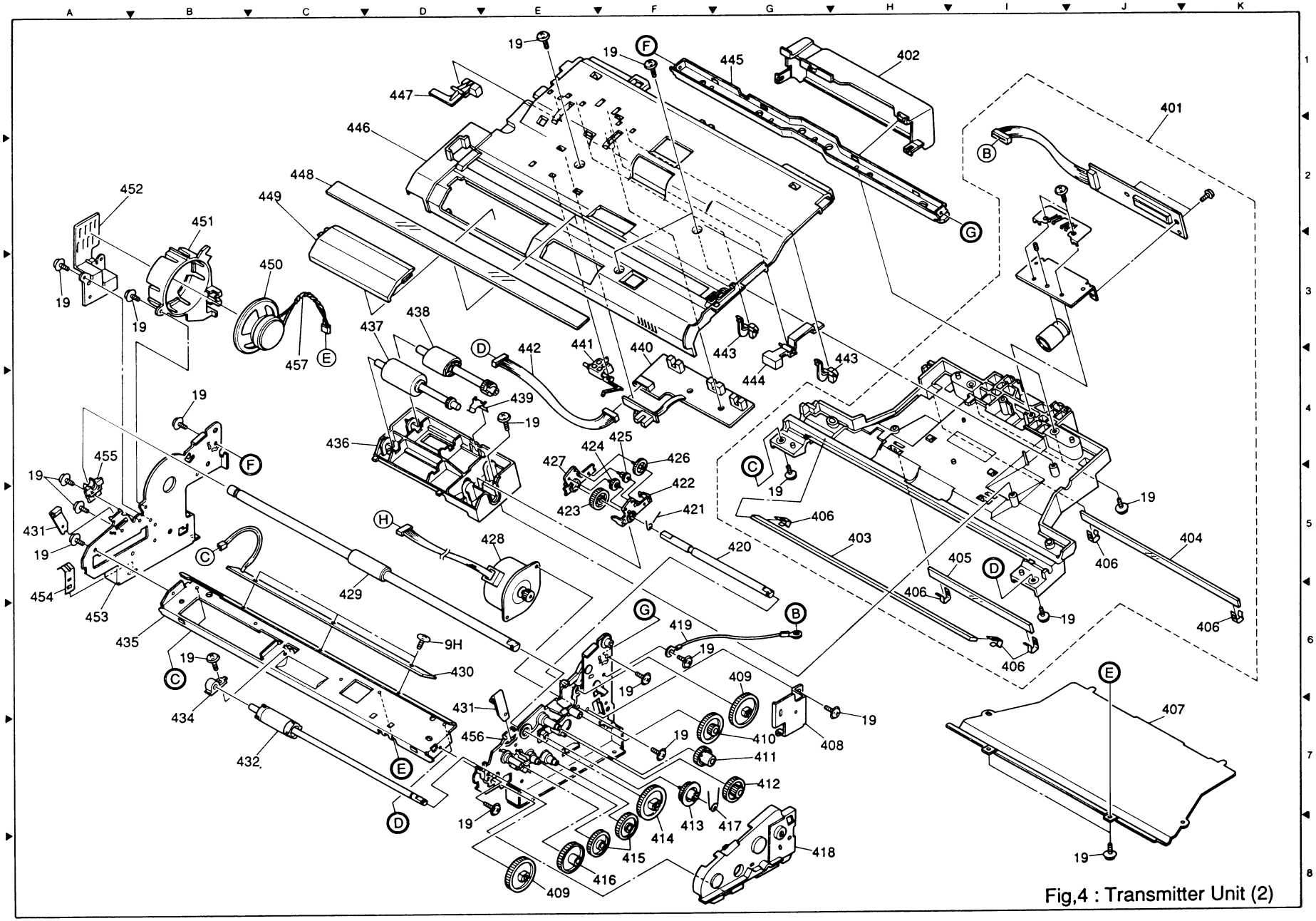
8.4 Transmitter Unit (2) (UF-321) (2/2)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
454	DZADS8220	Plate, Ground Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
455	DZADS1025	Shaft Holder, Feed Roller 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
456	DZADS1002	Right Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
457	DZADS8711	Cable, Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E, 1F, 3A, 3B, 4A, 4B, 4E, 4G, 5A, 5J, 6B, 6D, 6F, 6I, 7E, 7F, 7H, 8J

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
401	DZADS0021B	Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1J
402	DZADS1024	Cover, CCD Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1H
403	DZADS1028	Mirror L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5H
404	DZADS1027	Mirror M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5K
405	DZADS1026	Mirror S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5I
406	DZACG1107	Plate Spring, Mirror	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5J, 6H, 6I, 5G, 6K
407	DZADS1034	Cover, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
408	DZADS8206	Gear Cover 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
409	DZABN1020	Gear 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E, 6G
410	DZACJ1008B	Gear 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
411	DZABN1012B	Gear 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
412	DZADS1006	Gear 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
413	DZADS1010	Gear 5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
414	DZADS1039	Gear 6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
415	DZADS1046	Gear 7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8F
416	DZABN1011B	Gear 8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8E
417	DZADS1012	Spring 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7G
418	DZADS1031	Gear Cover 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8G
419	DZADS8713	Lead Wire1, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
420	DZADS1017	Shaft, Feed Gear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
421	DZADS1049	Spring 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
422	DZADS1047	Gear Holder, R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5F
423	DZADS1045	Gear 9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
424	DZADS1043	Gear 10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
425	DZADS1042	Gear 11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
426	DZADS1044	Gear 12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
427	DZADS1048	Gear Holder, L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
428	42SPM-24DGYE	Motor, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
	MSCS048A95																													
429	DZADS1015A	Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5C
430	MEI-01B-48	LED Array Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6D
431	DZADS1036	Plate Spring, Tx Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6E
432	DZADS1016A	Ejection Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
433	NOT USED	Wire Clamp																												
434	DZABN1006A	Shaft Holder, Ejection	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
435	DZADS1029	Frame, LED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
436	DZADS1005	Feed Roller Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
437	DZADS1014	Feed Roller 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
438	DZADS1013	Pre-Feed Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D
439	DZADS1035	Pressure Plate, Pre-Feed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
440	DZADS8825	Sensor PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F
441	DZADS1021	Actuator 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
442	DZADS8702	Cable, Sensor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
443	DZACH1017	Actuator 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3G, 4H
444	DZADS1023	Actuator 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4G
445	DZADS1038	Frame, Scanner Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
446	DZADS1004	Transmission Guide, Lower	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2D
447	DZADS1022	Actuator 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
448	DZBAU1109	Glass, Scanning	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
449	DZADS1032	Cover, ROM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2C
450	S-920615	Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
451	DZADS8204	Speaker Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B
452	DZADS8207	Speaker Protector	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2A
453	DZADS1003	Left Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6A

8.4 Transmitter Unit (2) (UF-322) (2/2)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
454	DZADS8220	Plate, Ground Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
455	DZADS1025	Shaft Holder, Feed Roller1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4A
456	DZADS1002	Right Side Frame, Transmission	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7E
457	DZADS8711	Cable, Speaker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1E, 1F, 3A, 3B, 4A, 4B, 4E, 4G, 5A, 5J, 6B, 6D, 6F, 6I, 7E, 7F, 7H, 8J



Fig,4 : Transmitter Unit (2)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
501	DZADS8601AU	Cover Ass'y, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
502	DZADS8215	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G, 7K
503	DZADS8203	Leg, Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
504	DZADS8210	Metal Frame, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
505	DZADS8201	Metal Frame, Bottom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
506	DZADS8209	Plate Spring	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
507	DZADS8714	Lead Wire, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
508	DZADS8705	Cable 1, LCU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
509	DZADS8707	Cable 2, LCU				1	1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1	1	5C
510	DZYNA1436B	LCE PCB Ass'y		1																										5B
	DZYNA1436LA										1																			
	DZYNA1436Y																				1									
	DZYNA1436H							1																						
	DZYNA1436S																1													
	DZYNA1436V																		1											
	DZYNA1436MA											1																		
	DZYNA1436JA								1																					
	DZYNA1436AA		1																											
	DZYNA1436FA						1																							
	DZYNA1436RA															1														
	DZYNA1436KA									1																				
	DZYNA1436TA																	1												
	DZYNA1436WA																			1										
	DZYNA1436PA													1																
	DZYNA1436N												1																	
	DZYNA1436D				1																									
	DZYNA1436QA														1															
	DZYNA1436ZA																					1								
	DZYNA1436EA					1																								
	DZYNA1436MF																								1					
	DZYNA1436XA																											1		
	DZYNA1436UA																									1				
	DZYNA1436HF																							1						
	DZYNA1435B	LCU PCB Ass'y																					1		1				1	
511	SY5-07M	Stamp Solenoid	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
512	SY5-07PL	Stamp Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
513	FX-13-2B	Stamp Head																					1							5D
	FX-13-2P		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	
514	DZADS8211	Metal Frame, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
515	DZADS8213	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F, 5F
516	DZYNA1432K	FCB PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1		3E
	DZYNA1432H																						1			1			1	
517	DZADS8205	Memory Card Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
518	DZADS8704	Cable 1, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
519	DS043H	Power Supply Unit		1															1		1									1D
	ETXA39C7E		1		1		1	1	1	1	1	1	1	1	1	1	1	1		1		1	1	1	1	1	1	1		
	ETXA39C7A					1																							1	
520	DZADS8701	Cable 1, Power Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B

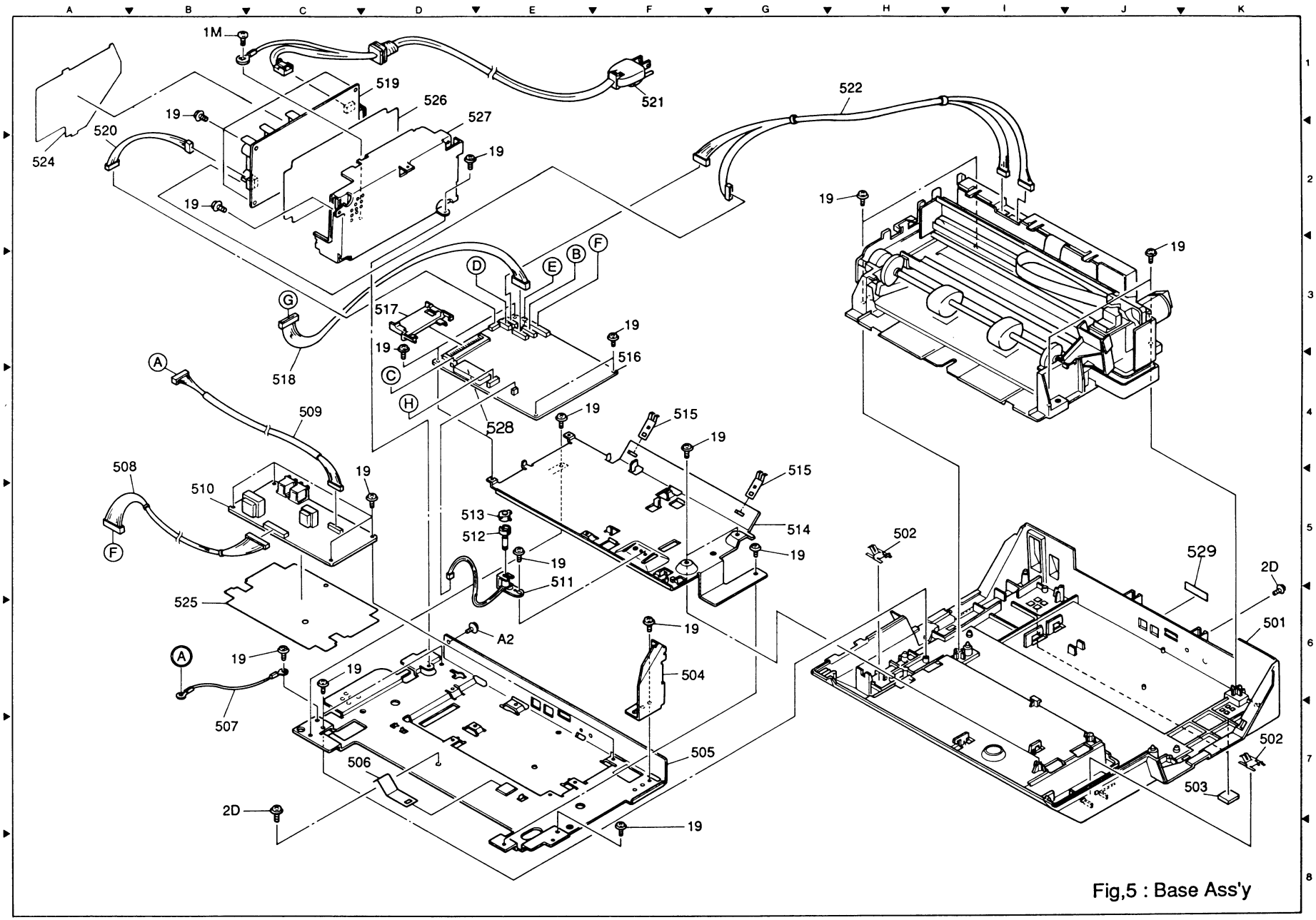
8.5 Base Ass'y (UF-321) (2/2)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
521	DZZNS32231-1	Power Cord	1		1		1	1	1				1	1	1	1	1	1	1			1	1	1		1	1			1F
	DZZNS32232-1			1						1															1			1		
	DZZNS32233-1										1									1										
	DZADS8809																				1									
	DZZNS32237-1											1																	1	
	DZZNS8802					1																								
522	DZADS8706	Cable, GPM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
523	NOT USED	Not used																												2G
524	DZADS8214	Protective Sheet 2, PSU	1			1	1		1	1	1	1		1	1	1		1	1	1		1	1	1	1	1	1	1	1	1A
525	NOT USED	Not used																												5C
526	DZADS8212	Protective Sheet 1, PSU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
527	DZADS8202A	Bracket, PCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1E
	DZADS8202B																				1									
528	E32FAAXX	ROM, Software	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
529	NOT USED																													5K
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1D, 2G, 3C, 3E, 3J, 4F 5C, 5D, 5F, 6B, 6C, 6F, 7F
1M	B4X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
501	DZADS8601AU	Cover Ass'y, Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6K
502	DZADS8215	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G, 7K
503	DZADS8203	Leg, Rubber	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7J
504	DZADS8210	Metal Frame, Rear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6F
505	DZADS8201	Metal Frame, Bottom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7F
506	DZADS8209	Plate Spring	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7C
507	DZADS8714	Lead Wire, FG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6B
508	DZADS8705	Cable1, LCU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A
509	DZADS8707	Cable2, LCU				1	1		1	1	1	1		1	1	1		1		1		1	1	1	1	1	1	1	1	5C
510	DZYNA1436B	LCE PCB Ass'y		1																										5B
	DZYNA1436LA										1																			
	DZYNA1436Y																				1									
	DZYNA1436H							1																						
	DZYNA1436S																1													
	DZYNA1436V																		1											
	DZYNA1436MA											1																		
	DZYNA1436JA								1																					
	DZYNA1436A		1																											
	DZYNA1436FA						1																							
	DZYNA1436RA															1														
	DZYNA1436KA									1																				
	DZYNA1436TA																	1												
	DZYNA1436WA																			1										
	DZYNA1436PA													1																
	DZYNA1436N												1																	
	DZYNA1436D				1																									
	DZYNA1436QA														1															
	DZYNA1436ZA																					1								
	DZYNA1436EA					1																								
	DZYNA1436MF																								1					
	DZYNA1436XA																											1		
	DZYNA1436UA																										1			
	DZYNA1436HF																							1						
	DZYNA1435B	LCU PCB Ass'y																					1			1			1	
511	SY5-07M	Stamp Solenoid	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5E
512	SY5-07PL	Stamp Holder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5D
513	FX-13-2B	Stamp Head																					1							5D
	FX-13-2P		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	
514	DZADS8211	Metal Frame, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5G
515	DZADS8213	Ground Contact, Metal Plate	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4F, 5F
516	DZYNA1432L	FCB PCB Ass'y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1		3E
	DZYNA1432E																						1			1			1	
517	DZADS8205	Memory Card Guide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3C
518	DZADS8704	Cable 1, FCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3B
519	DS043H	Power Supply Unit		1															1		1									1D
	ETXA39C7E		1		1		1	1	1	1	1	1	1	1	1	1	1	1		1		1	1	1	1	1	1	1		
	ETXA39C7A					1																							1	

8.5 Base Ass'y (UF-322) (2/2)

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
520	DZADS8701	Cable1, Power Supply	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2B
521	DZZNS32231-1	Power Cord	1		1		1	1	1				1	1	1	1	1	1	1			1	1	1		1	1			1F
	DZZNS32232-1			1						1															1			1		
	DZZNS32233-1										1									1										
	DZADS8809																				1									
	DZZNS32237-1											1																		
	DZZNS8802					1																							1	
522	DZADS8706	Cable, GPM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1G
523	NOT USED	Not used																												2G
524	DZADS8214	Protective Sheet 2, PSU	1			1	1		1	1	1	1		1	1	1		1	1	1		1	1	1	1	1	1	1	1	1A
525	NOT USED	Not used																												5C
526	DZADS8212	Protective Sheet 1, PSU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
527	DZADS8202A	Bracket, PCB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1E
	DZADS8202B																				1									
528	E32FAAXX	ROM, Software	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
529	NOT USED																													5K
19	B3X8TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B, 1D, 2G, 3C, 3E, 3J, 4F 5C, 5D, 5F, 6B, 6C, 6F, 7F
1M	B4X6TTB	Screw	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1B



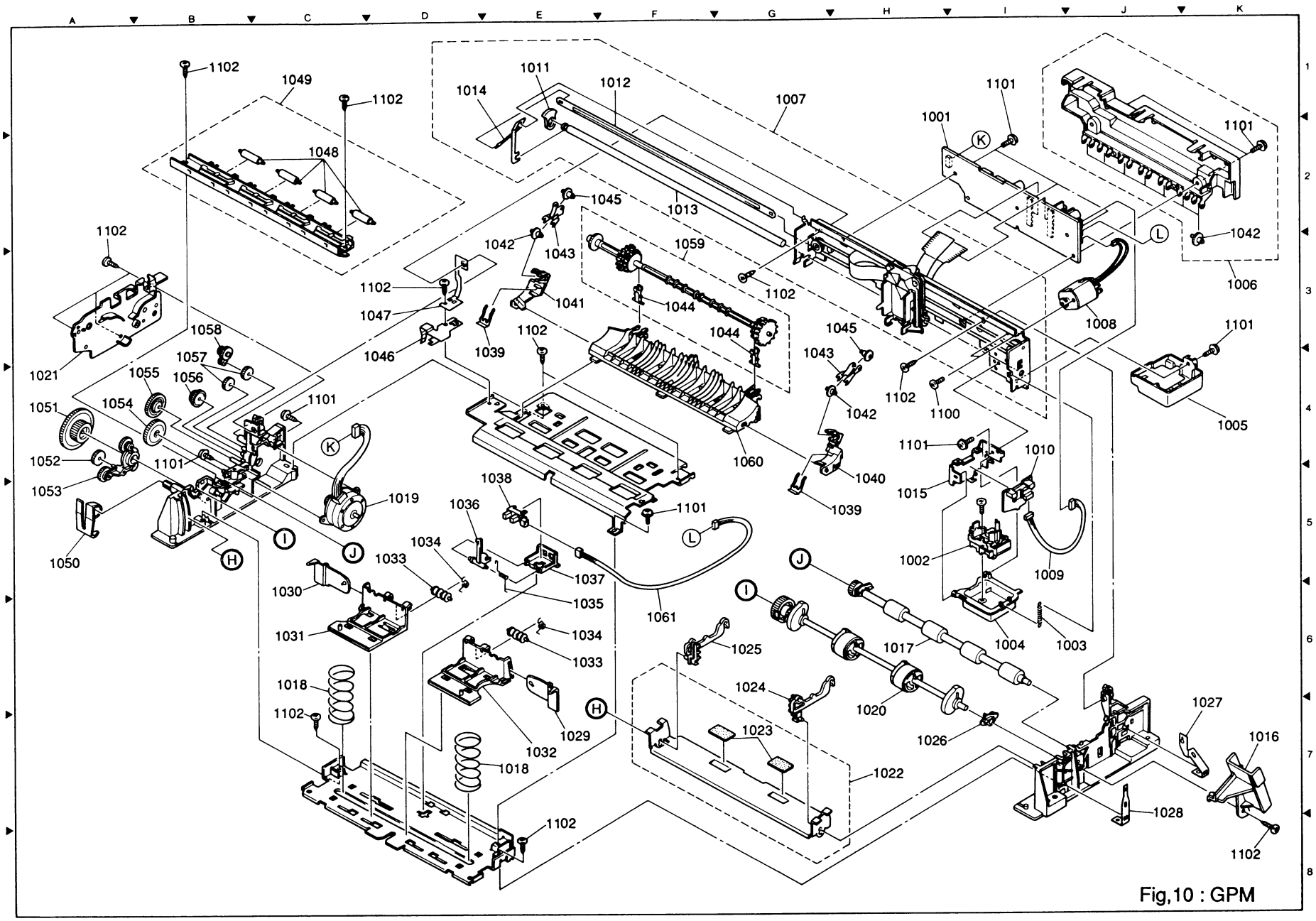
Fig,5 : Base Ass'y

5.1 GPM Assy (1/2)

Ref. No.	Part No.	Description	Location
1001	DZZHPB67902	Logic PCA Assy	2J
1002	DZZHPB67943	Cap / Wiper Assy	6J
1003	DZZHPB67965	Spring, Capping	7K
1004	DZZHPB67966	Holder, Ramp	7K
1005	DZZHPB67967	Pan	5M
1006	DZZHPB67942	Cover, Logic PCA Assy	3M
1007	DZZHPB67910	Carriage Drive System Assy	1H
1008	DZZHPB67904	Motor, Carriage	4K
1009	DZZHPB67964	Cable, Drop Detect	6K
1010	DZZHPB67920	Drop Detect PCA Assy	5K
1011	DZZHPB67949	Lock, Carriage Rod	1F
1012	DZZHPB67950	Strip, Encoder	1G
1013	DZZHPB67952	Rod, Carriage	2G
1014	DZZHPB67953	Spring, Encoder Strip	1E
1015	DZZHPB67962	Bracket, Drop Detect	5J
1016	DZZHPB67968	Chute, Eternal	8M
1017	DZZHPB67914	Roller, Drive	7J
1018	DZZHPB67903	Spring, Presure Plate	7C, 8E
1019	DZZHPB67917	Motor, Paper	5D
1020	DZZHPB67922	Shaft, Pick	7I
1021	DZZHPB67928	Wall Kit, Retainer	4A
1022	DZZHPB67929	Plate Assy, Pressure	8I
1023	DZZHPB67803	Cork, Pressure Plate	8H
1024	DZZHPB67945	Cam Follower Assy, Right	7H
1025	DZZHPB67944	Cam Follower Assy, Left	7H
1026	DZZHPB67963	Bearing, Wall	8J
1027	DZZHPB67802	Ground Strap, Carriage Bearing	8M
1028	DZZHPB67801	Ground Strap, Paper Pick	9L
1029	DZZHPB67808	Separator, Right Corner	8F
1030	DZZHPB67804	Separator, Left Corner	6C
1031	DZZHPB67806	Mount, Left Corner Separator	7C
1032	DZZHPB67809	Mount, Right Corner Separator	7E
1033	DZZHPB67807	Roller, Pick Pinch	6D, 7F
1034	DZZHPB67805	Spring, Pick Pinch Roller	6E, 7F
1035	DZZHPB67997	Spring, OOPS	6F
1036	DZZHPB67998	Flag, OOPS	5E
1037	DZZHPB67999	Bracket, OOPS Mounting	6F

5.1 GPM Assy (2/2)

Ref. No.	Part No.	Description	Location
1038	DZZHPB67800	Sensor, OOPS	5E
1039	DZZHPB67979	Spring, Output	4E, 5I
1040	DZZHPB67995	Guide, Right Edge	5I
1041	DZZHPB67994	Guide, Left Edge	3F
1042	DZZHPB67992	Roller, Star	3E, 3M, 4I
1043	DZZHPB67996	Clip, Kick	3F, 4I
1044	DZZHPB67993	Bearing, Output	3G, 4H
1045	DZZHPB67991	Roller, Kick	2F, 4I
1046	DZZHPB67976	Ground Strap, Platen	4D
1047	DZZHPB67977	Ground Strap, Paper Drive	3D
1048	DZZHPB67978	Roller, Drive Pinch	2D
1049	DZZHPB67936	Paper Top Guide Assy	1C
1050	DZZHPB67973	Spring, Debounce	6A
1051	DZZHPB67918	Gear, 28T / 32P / 84T / 48P	4A
1052	DZZHPB67971	Gear, 18T / 32P	5A
1053	DZZHPB67933	Gear Assy, Pick Arm	5A
1054	DZZHPB67912	Gear, 52T / 48P	4B
1055	DZZHPB67915	Gear, 20T / 49T / 48P	4B
1056	DZZHPB67911	Gear, 20T / 32T / 48P	4B
1057	DZZHPB67972	Gear, 22T / 48P	4B
1058	DZZHPB67932	Gear Assy, Output Arm	4B
1059	DZZHPB67916	Kit, Output Shaft	3G
1060	DZZHPB67954	Ramp, Paper	5H
1061	DZZHPB67975	Cable, OOPS	6G
1100	DZZHPB67969	Screw, M2.5X5	5J
1101	DZZHPB67970	Screw, M3X8	2K, 2M, 4C, 4M, 5B, 5G, 5J
1102	DZZHPB67923	Screw, Plastic	1B, 1D, 3A, 3D, 3H, 4F, 4J, 7C, 9F, 9M


A B C D E F G H I J K
1 2 3 4 5 6 7 8
1102
1049
1048
1011
1014
1012
1007
1001
1101
1013
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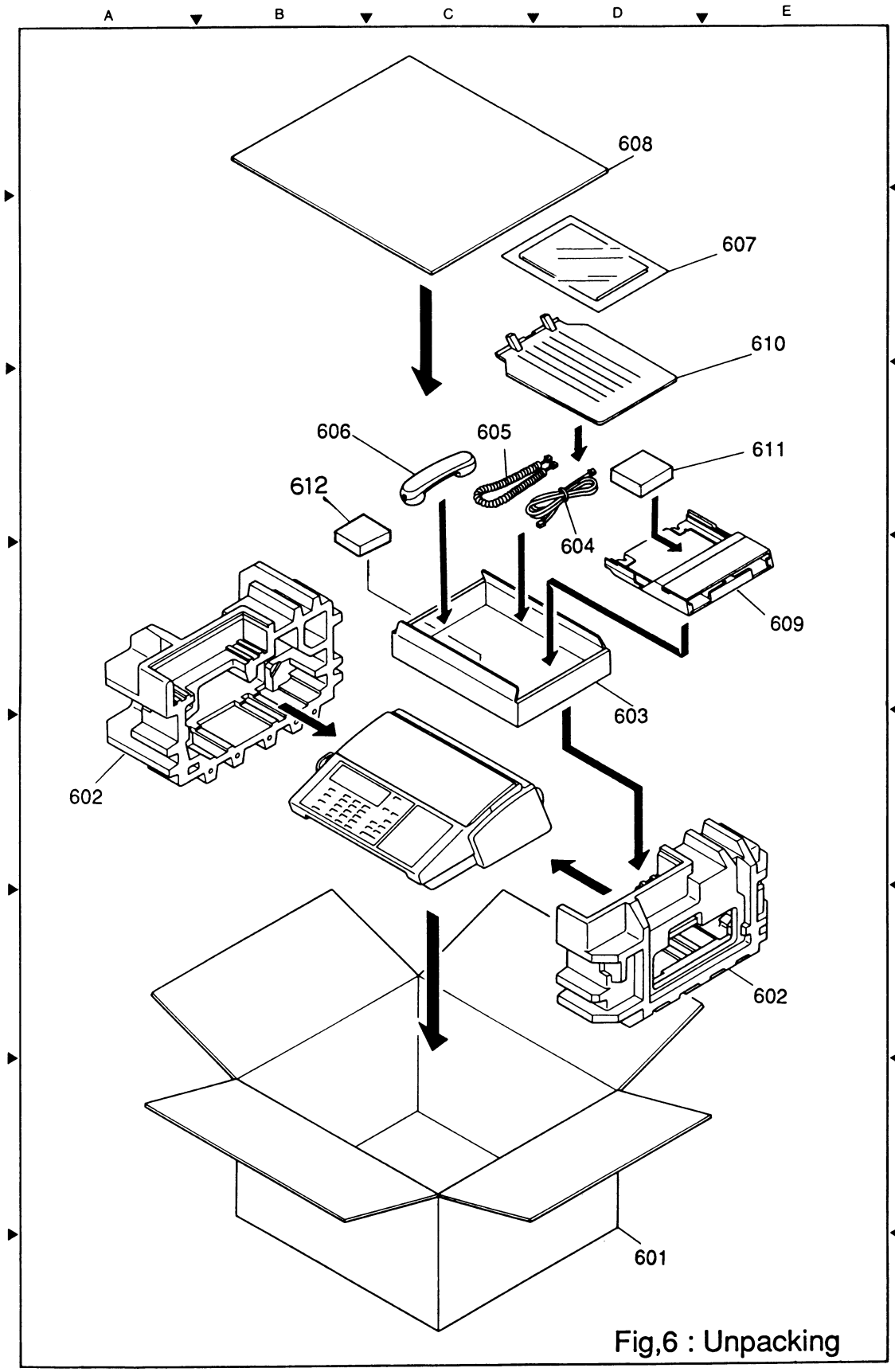
1032

Fig,10 : GPM

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AR	AS	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
601	DZADS4101LAU	Carton	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	8D
	DZADS4101LAV			1															1											
602	DZADS4002	Cushion Kit, Styrofoam	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6E
603	DZADS4102	Accessories Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
604	DZZSP09172-1	Line Cord		1		1				1										1				1	1	1	1	1		3D
	DZZSP09120										1					1														
	DZZSP09165																				1									
	DZZSP09249							1																						
	DZZSP09261													1			1													
	STSW113M+6-6											1																		
	DZZSP09178												1																	
	STDM133M-4-6				1																									
	DZZNS09187								1						1			1				1	1						1	
	DZZSP09178						1																							
605	Refer to No. 123																													3C
606	Refer to No. 122																													3B
607	4B1505	User's Guide		1																										2D
	4B1506					1				1	1				1			1		1		1	1	1	1	1	1	1	1	
	4B1507		1									1																		
	4B1508																		1											
	4B1509																				1									
	4B1510																1													
	4B1511				1																									
	4B1512													1																
	4B1513								1																					
	4B1514							1								1														
	4B1515											1				1														
608	DZADS4103	Top Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
609	DZADS8501AB	Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
610	DZADS8608	Paper Catch Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
611	DZADS4113	Cushion, Paper Supply Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D

Ref.No.	Part Name	Description	AA	AB	AD	AE	AF	AH	AJ	AK	AL	AM	AN	AP	AQ	AS	AR	AT	AV	AW	EE	YB	YC	YH	YM	YT	YW	YX	YY	Location
601	DZADS4101MAU	Carton	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	8D
	DZADS4101MAV			1															1											
602	DZADS4002	Cushion Kit, Styrofoam	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5A, 6E
603	DZADS4102	Accessories Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4D
604	DZZSP09172-1	Line Cord		1		1				1										1				1	1	1	1	1		3D
	DZZSP09120										1						1													
	DZZSP09165																				1									
	DZZSP09249							1																						
	DZZSP09261													1		1														
	STSW113M+6-6											1																		
	DZZSP09178												1																	
	STDM133M-4-6				1																									
	DZZNS09187								1						1			1				1	1						1	
	DZZSP09178						1																							
605	Refer to No. 123																													3C
606	Refer to No. 122																													3B
607	4B1523	User's Guide		1																										2D
	4B1524					1				1	1				1			1		1		1	1	1	1	1	1	1	1	
	4B1525		1									1																		
	4B1526																		1											
	4B1527																				1									
	4B1528															1														
	4B1529				1																									
	4B1530													1																
	4B1531								1																					
	4B1532							1									1													
	4B1533											1					1													
608	DZADS4103	Top Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1D
609	DZADS8501AB	Paper Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4E
610	DZADS8608	Paper Catch Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2E
611	DZADS4113	Cushion, Paper Supply Tray	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3D

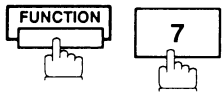


Fig,6 : Unpacking

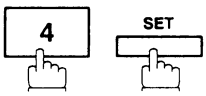
Customizing Your Machine

Your facsimile machine has a variety of adjustable Fax Parameters. These parameters, listed in the Parameter Table, are preset for you and do not need to be changed. If you do want to make a change, read the table carefully. Some parameters, such as the Resolution, Original, and Verification Stamp parameters, can be temporarily changed by simple key operations just before a transmission is made. When the transmission ends, however, these parameters return to their preset values (Home position). Other parameters can only be changed by the procedure described below.

Setting Fax Parameters

1 


```
SET MODE          (1-5)
ENTER NO. OR ∧ ∨
```

2 


```
FAX PARAMETER(01-53)
        NO.=
```

3 Enter Fax Parameter number from the Parameter Table

Ex: [0] [1] for **ORIGINAL**

```
FAX PARAMETER(01-53)
        NO.=01
```

4


```
01 ORIGINAL
 1:NORMAL
```

5 Enter the new setting value.

Ex: [2] for **LIGHT**

```
01 ORIGINAL
 2:LIGHT
```

6


```
02 RESOLUTION
 1:STANDARD
```

To set another parameter, press [CLEAR] to return to step 3, or, to return to standby, press [STOP].

Note: *1. To scroll the Fax Parameters in Step 2 or 4, press [∧] or [∨].*

2. The built-in battery when fully charged can back up the Fax Parameter settings for up to 10 days when a power failure occurs .

Customizing Your Machine

Fax Parameter Table

No.	Parameter	Setting Number	Setting	Comments
01	ORIGINAL	1	Normal	Setting home position of the ORIGINAL key.
		2	Light	
		3	Dark	
02	RESOLUTION	1	Standard	Setting home position of the RESOLUTION key.
		2	Fine	
		3	S-Fine	
04	STAMP	1	Off	Setting home position of the STAMP key. To select the stamp function when document is stored in memory (see Fax Parameter No. 28).
		2	On	
05	MEMORY	1	Off	Setting home position of the MEMORY key.
		2	On	
06	DIALING METHOD	1	Pulse	Selecting dialling method.
		2	Tone	
07	HEADER PRINT	1	Inside	Selecting printing position of the header. Inside : Inside TX copy area. Outside : Outside TX copy area. No print : Header is not printed.
		2	Outside	
		3	No print	
08	HEADER FORMAT	1	Logo, ID No.	Selecting header format.
		2	From To	
09	RCV'D TIME PRINT	1	Invalid	Selecting whether or not the machine prints received time, page no, and remote ID on bottom of each received page.
		2	Valid	
10	KEY/BUZZER VOLUME	1	Off	Selecting the volume of the Key/Buzzer tone.
		2	Soft	
		3	Loud	
12	COMM. JOURNAL	1	Off	Selecting home position of printout mode for COMM. Journal Off/Always/Inc. only. Off : No printout Always : Always prints out Inc. only : Printout when communication has failed.
		2	Always	
		3	Inc. only	
13	AUTO JOURNAL	1	Invalid	Selecting whether or not the machine prints the journal automatically after every 32 transaction.
		2	Valid	
15	ATTENDED MODE	1	Tel	Selecting attended mode either Telephone Mode or Fax/Tel Auto Switching Mode.
		2	Fax/Tel SW	
16	UNATTENDED MODE	1	Fax	Selecting attended mode either Fax Mode or TAM Interface Mode.
		2	TAM I/F	

Continued on the next page.

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
18	OP CALL TIMER	1	20 sec.	Selecting the length of time that your machine signal (rings) for an incoming voice call in Fax/Tel Auto Switching mode. (See User's Guide Page 58)
		2	30 sec.	
		3	40 sec.	
		4	50 sec.	
19	OGM Length (TAM I/F)	1	1 sec.	Setting the OGM length of your TAM from 1 to 60 second. Unit will not start to detect a SILENT until the time lapse after detecting a call in TAM Interface mode.
		---	---	
		60	60 sec.	
20	SILENT DET. (TAM I/F)	1	Invalid	Selecting Silent Detection Mode.
		2	Valid	
22	SUBSTITUTE RCV	1	Invalid	Selecting whether or not the machine receives to memory when recording paper runs out, ink runs out or recording paper jammed.
		2	Valid	
23	RECORDING PAPER SIZE	1	A4	Setting the recording paper size installed in your machine.
		2	Letter	
		3	Legal	
24	PRINT REDUCTION	1	Fixed	Selecting print reduction mode. Fixed: Reduce document according to setting of Parameter No. 25. Auto: Reduce document according to the length of received documents.
		2	Auto	
25	REDUCTION RATIO	70	70%	Selecting fixed print reduction ratio from 70% to 100%. This parameter functions when fixed print reduction is selected on fax parameter no. 24 or when available memory getting low.
		---	---	
		100	100%	
26	POLLING PASSWORD		(----)	Setting a 4-digit password for secured polling.
27	POLLED FILE SAVE	1	Invalid	Selecting whether or not the machine retains the polled document in memory even after the document is polled once.
		2	Valid	
28	STAMP AT MEM. XMT	1	Invalid	Selecting whether or not the machine stamps the original documents when storing the documents into memory.
		2	Valid	
32	COPY REDUCTION	1	Invalid	Selecting whether or not the machine performs copy reduction in accordance with the setting of Parameter No. 24 and 25.
		2	Valid	
33	XMT REDUCTION	1	Invalid	Selecting whether or not the machine performs reduction when the transmitting document is wider than the recording paper used at the receiving machine.
		2	Valid	
37	RCV TO MEMORY (UF-322 only)		(----)	Enter a 4-digit password used to print out the received document in memory by F8-5 (RCV TO MEMORY). When F8-5 is set to On, this parameter will not be shown on the LCD display. (see page (See User's Guide Page 83)
38	FAX ACCESS CODE (UF-322 only)		(----)	Enter a 4-digit Fax Access Code to secure the machine from unauthorized use. (See User's Guide Page 82)
41	RELAY XMT REQUEST (UF-322 only)	1	Invalid	Selecting whether or not the machine performs Relay XMT Request. (See User's Guide Page 101)
		2	Valid	

ontinued on the next page.

Customizing Your Machine

No.	Parameter	Setting Number	Setting	Comments
42	CONF. FAX PARAMETER (UF-322 only)	1	Invalid	Selecting whether or not the machine performs Confidential Network Communication. (See User's Guide Page 97)
		2	Valid	
43	CONF. POLLED FILE SAVE (UF-322 only)	1	Invalid	Selecting whether or not the machine saves the confidential polled file even after the file is polled once.
		2	Valid	
44	PASSWORD XMT (UF-322 only)	1	Off	Setting a 4-digit XMT-Password and selecting whether or not the machine performs and checks the XMT-Password of the receiving station when transmitting.(See User's Guide Page 86)
		2	On	
45	PASSWORD RCV (UF-322 only)	1	Off	Setting a 4-digit RCV-Password and selecting whether or not the machine performs and checks the RCV-Password of the transmitting station when receiving.(See User's Guide Page 86)
		2	On	
46	SELECT RCV	1	Invalid	Selecting whether or not the machine performs selective reception. (See User's Guide Page 85)
		2	Valid	
47	REMOTE RCV	1	Invalid	Selecting whether or not the machine accepts remote reception command. (See User's Guide Page 57)
		2	Valid	
48	TELEPHONE LINE	1	PSTN	Selecting the type of line connected.
		2	PBX	
49	PSTN ACCESS CODE		0---	Setting PSTN Access Code. (max. 4 digits)
50	FLASH KEY	1	Earth	Selecting to use FLASH on control panel either as Earth key or Flash key.
		2	Flash	
52	DIAGNOSTIC PASSWORD		(----)	Setting the password for Remote Diagnostic Mode. Please ask your Panasonic Authorized Dealer for details.
53	OPTION MEMORY	-	-	Display the amount of base and option memory installed. (Base Memory + Option Memory)

Note: *The contents and the standard settings of Fax Parameter may differ depending on the each country's regulation or specification.*